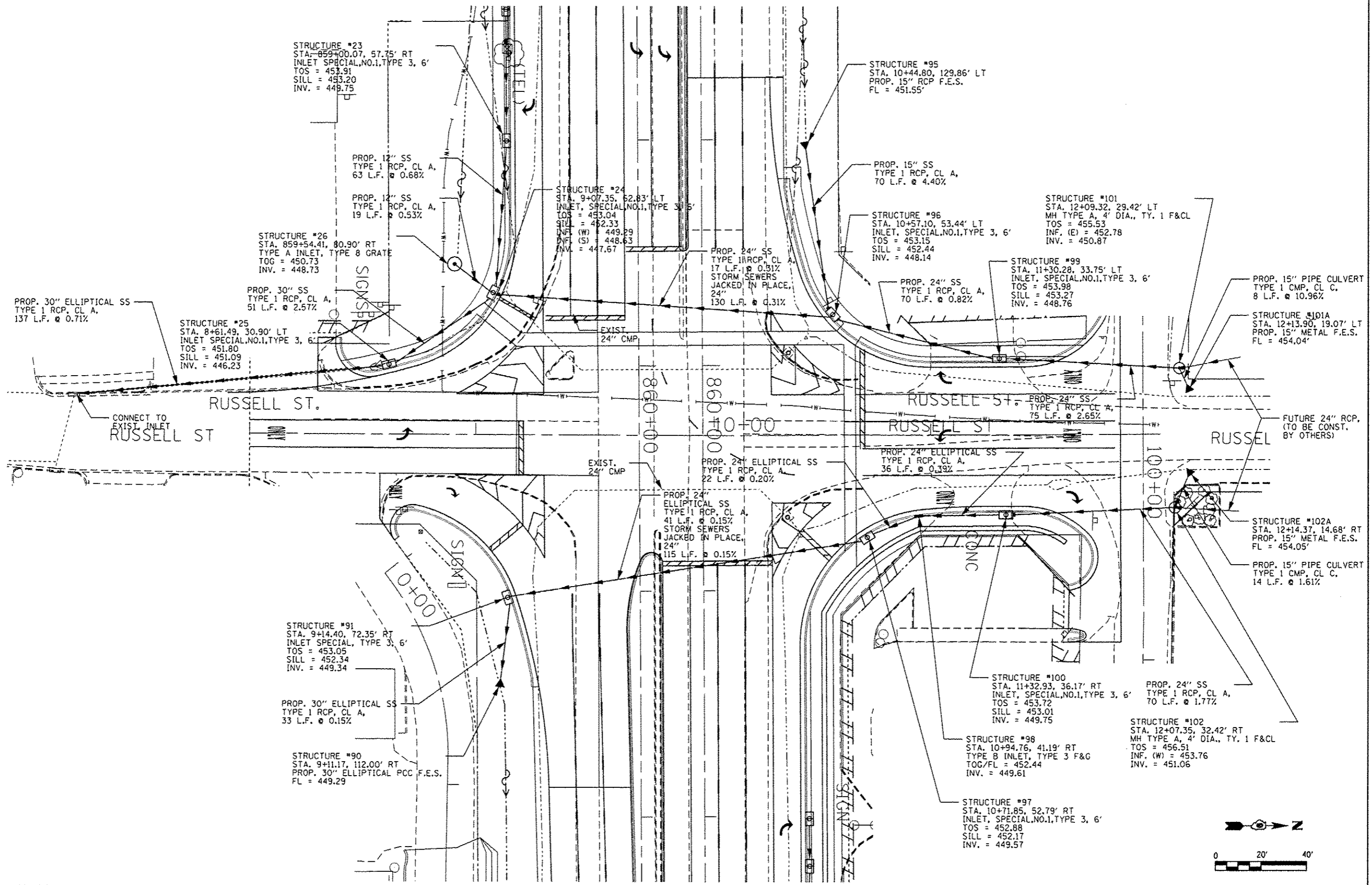


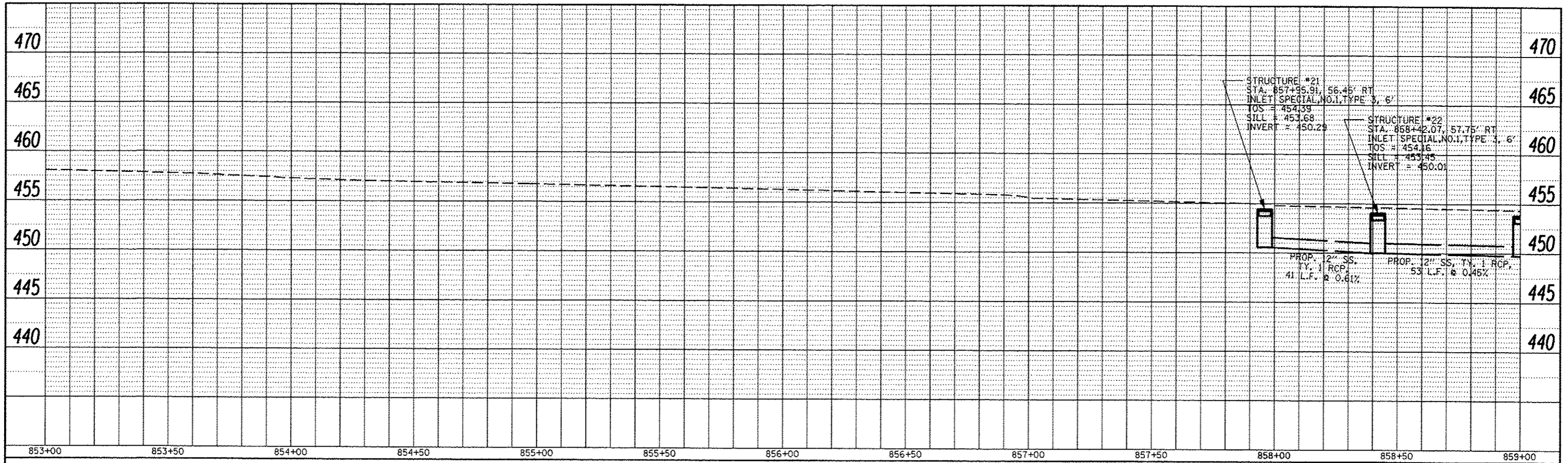
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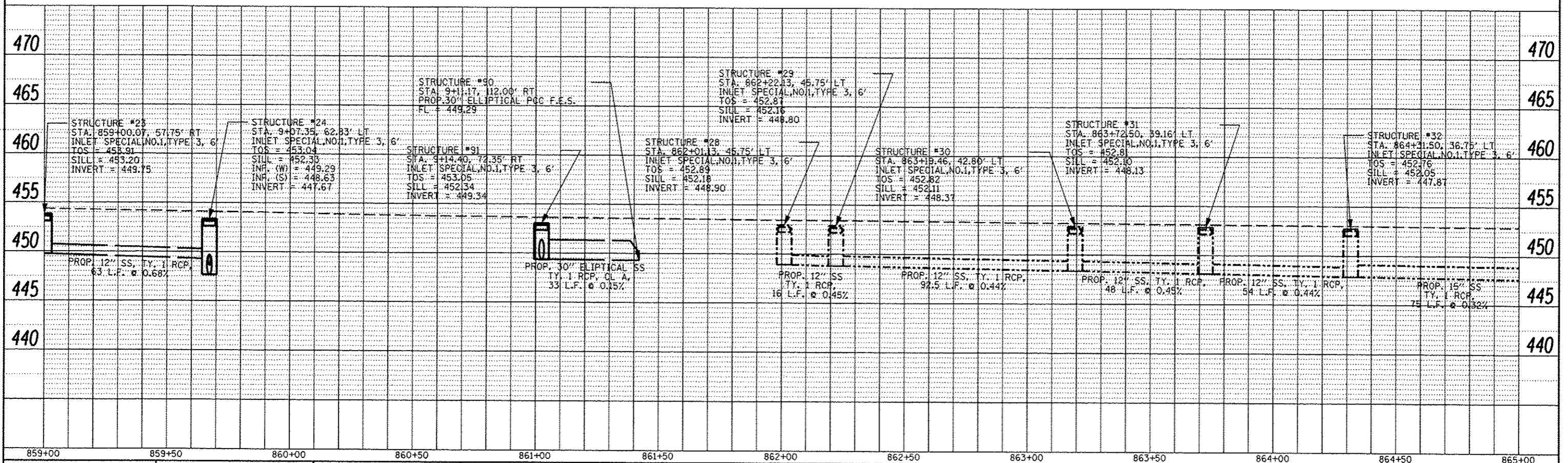


DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN SHEETS RUSSELL ST.			F.A.P. RITE. 331	SECTION (IX-11R-5,RS-3,N-5,TS-4)	COUNTY WILLIAMSON	TOTAL SHEETS 288	SHEET NO. 101
DRAWN -		REVISED -			SCALE: 1" = 20'	SHEET NO. 12 OF 20 SHEETS	STA 7+00.00 TO STA 12+25.00	CONTRACT NO. 78203				
CHECKED -		REVISED -										
DATE -		REVISED -										
												ILLINOIS FED. AID PROJECT

PLAN	DATE
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PLOTTED	
APPROVED	
BY	
NOTE BOOK	
NO.	
PAID FILE NAME	

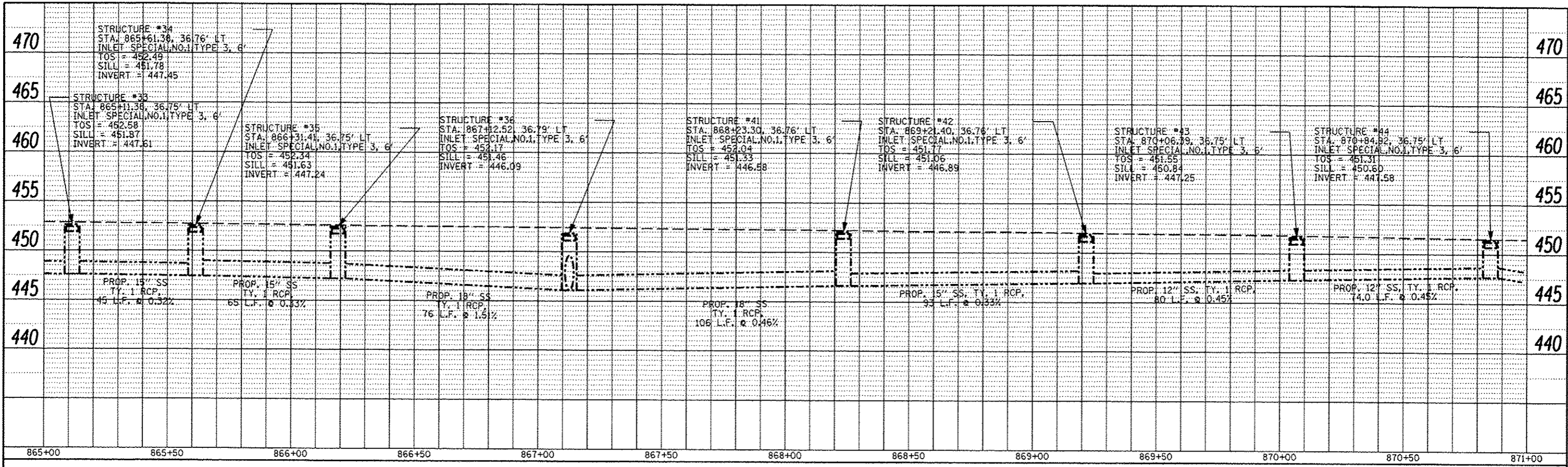


PROFILE	DATE
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APPROVED	
BY	
NOTE BOOK	
NO.	
STRUCTURE STATUS	

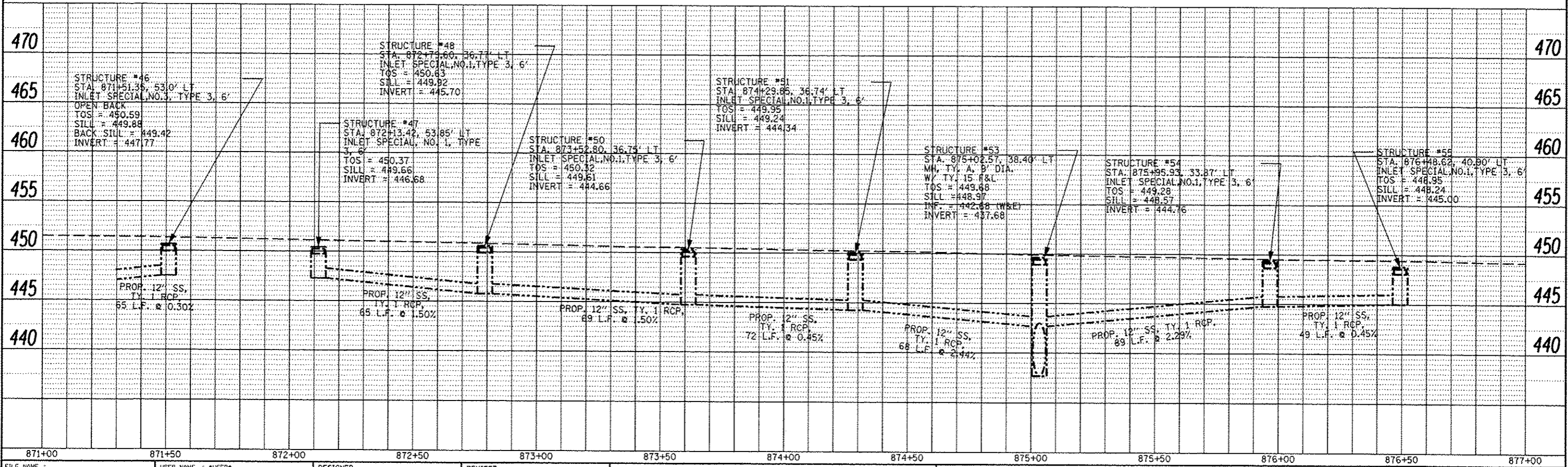


FILE NAME =	USER NAME = USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE SHEETS IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pvidot\kellykd\dr184451\78283	ht-dra.dgn	DRAWN -	REVISED -			331	(IX-DR-5-RS-3-N-5-TS-4)	WILLIAMSON	288	102
PLOT SCALE = 40.0000' / in.	DATE -	CHECKED -	REVISED -			CONTRACT NO. 78203				
PLOT DATE = 5/11/2012	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	DATE
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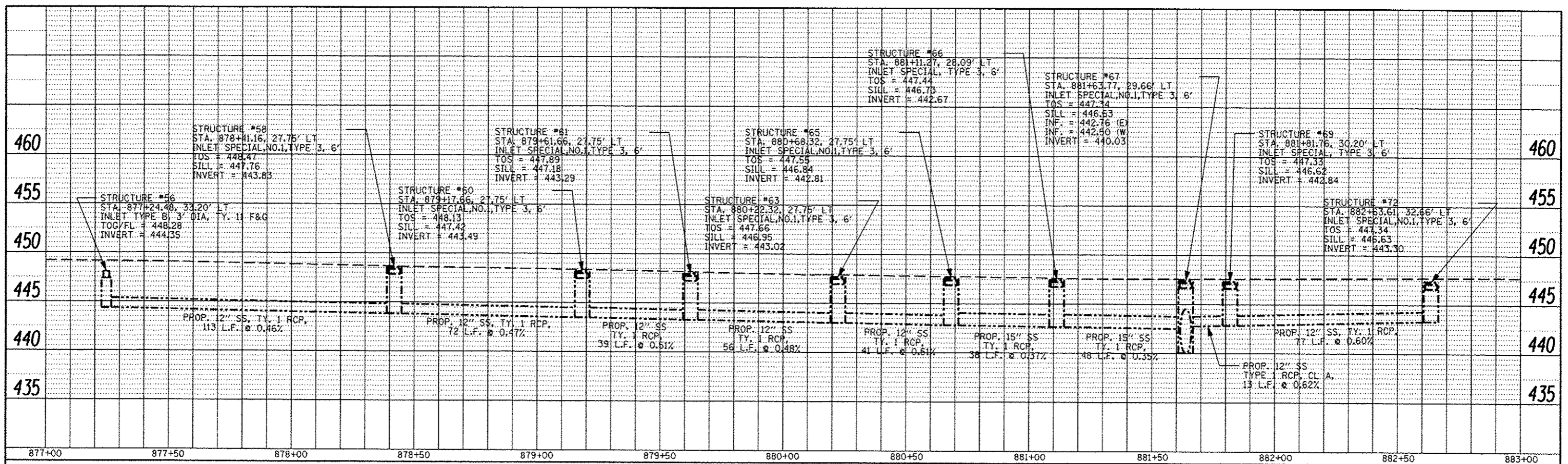


PROFILE	DATE
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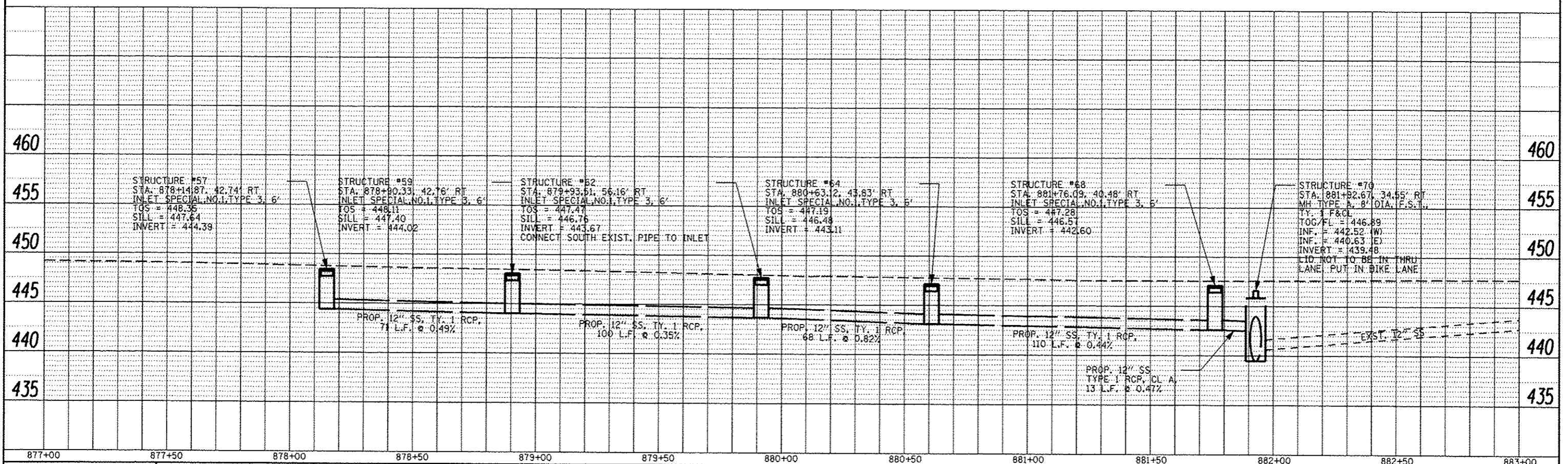


FILE NAME: \\s:\work\p01dot\kall\egk\8018451\78283\p01-drain.dgn	USER NAME: c:\user	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE SHEETS IL 13		F.A.P. RTE. 331	SECTION (IX-1R-5,RS-3,N-5,TS-4)	COUNTY WILLIAMSON	TOTAL SHEETS 288	SHEET NO. 103	
PLOT SCALE: 48,8001 / m	CHECKED: -	REVISED: -	SCALE: 1"=5'V, 1"=20'H		SHEET NO. 0 OF 0 SHEETS	STA. 865+00.00 TO STA. 877+00.00	CONTRACT NO. 78203		ILLINOIS FED. AID PROJECT			
PLOT DATE: 5/11/2012	DATE: -	REVISED: -										

PLAN	DATE
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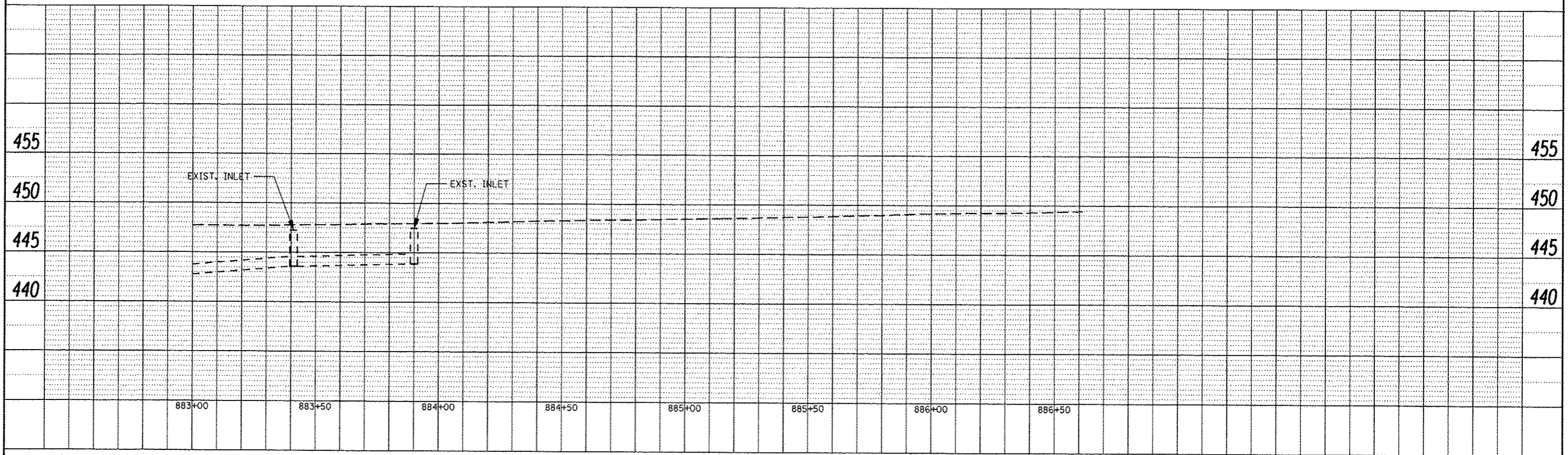
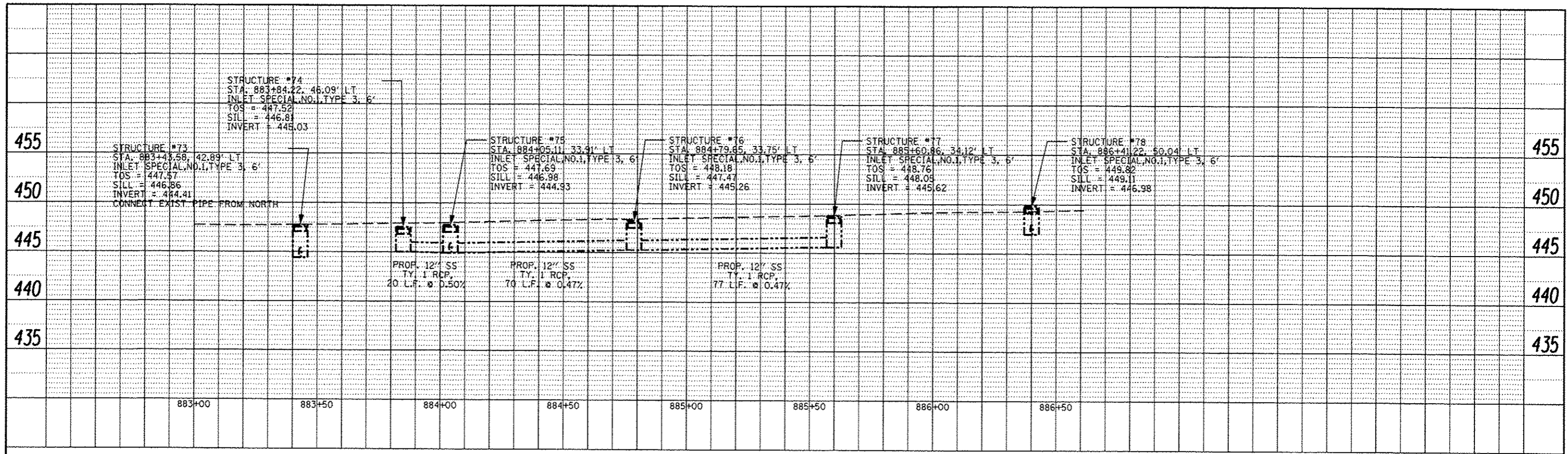


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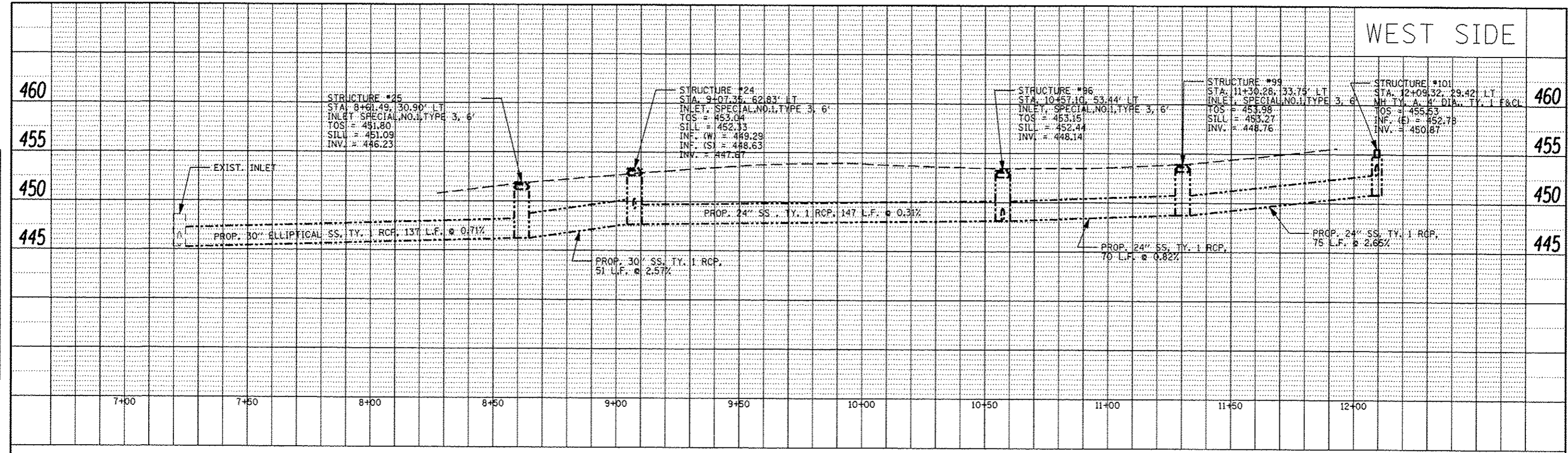


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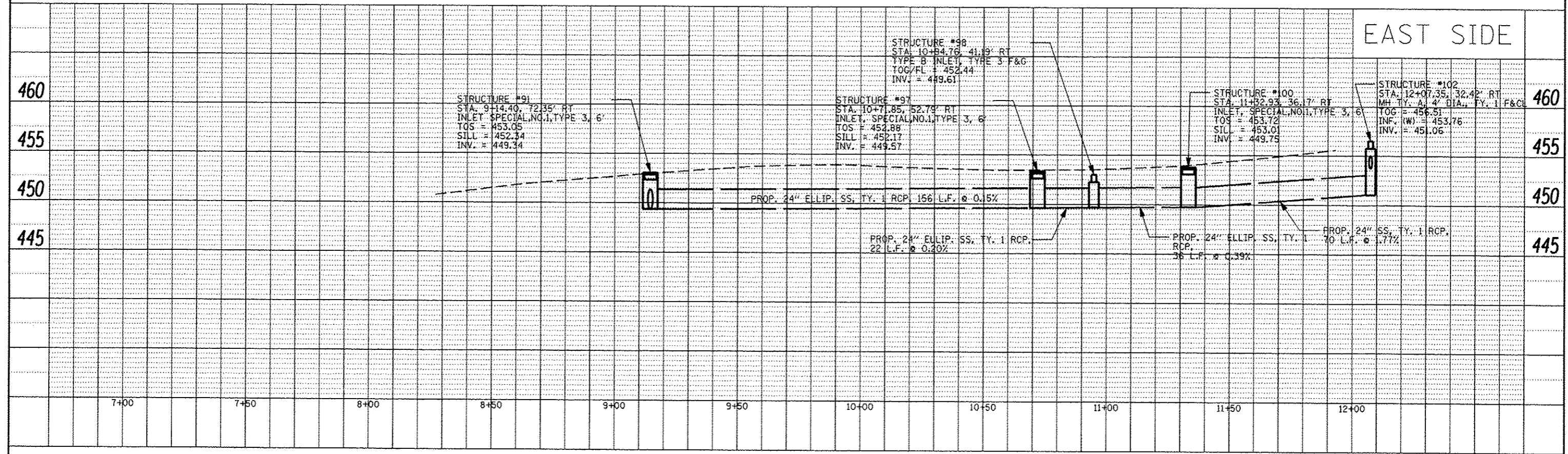
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WEST SIDE

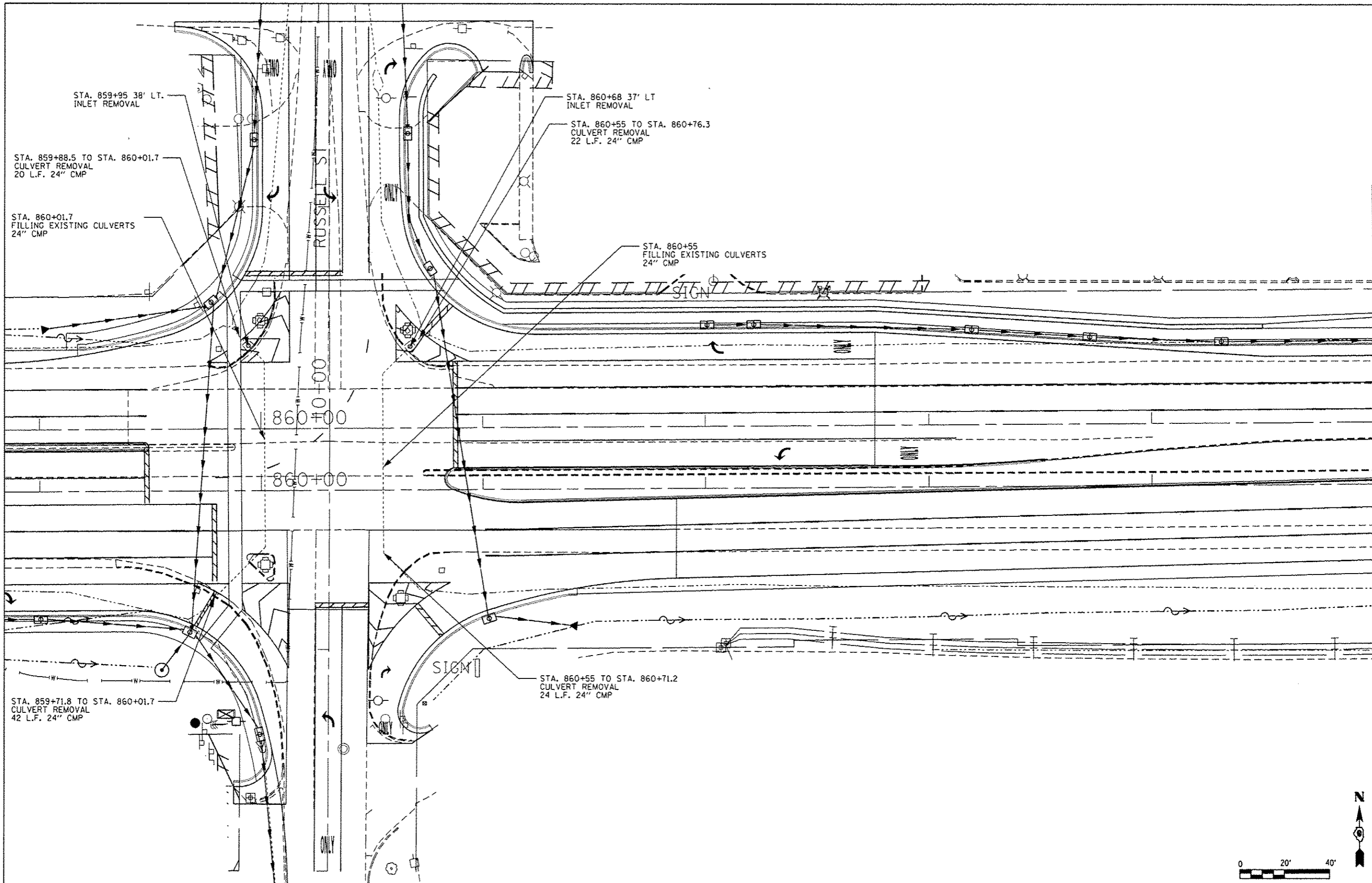


EAST SIDE



PLAN
DATE
BY
DESIGNED
CHECKED
IN CHARGE
NOTE BOOK NO.
PLOT FILE NAME

PROFILE
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NOTE BOOK NO.
STRUCTURE NOTATION CHG



MATCHLINE STA. 865+00

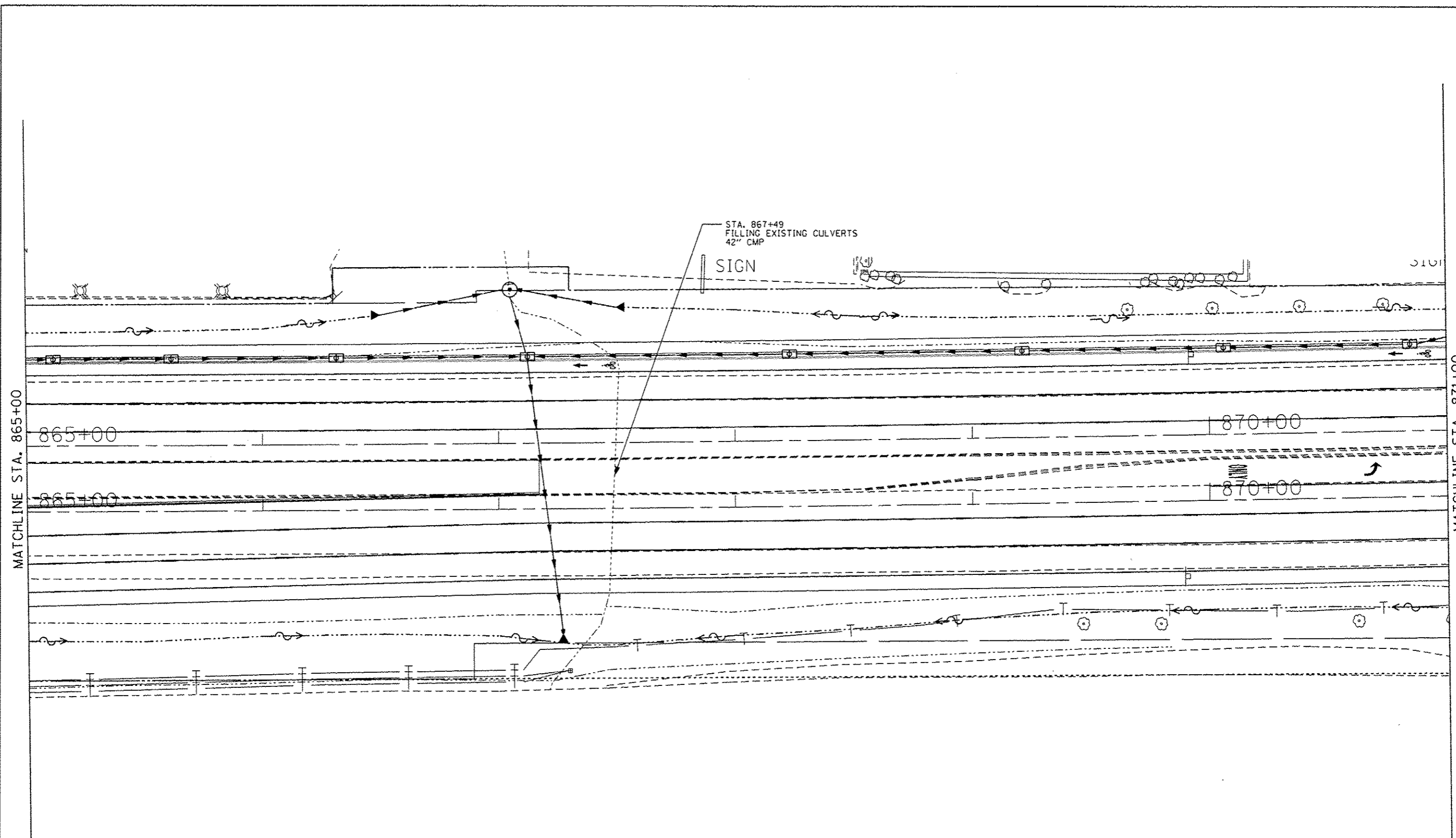


FILE NAME =	USER NAME = lavenderba	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 9/12/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

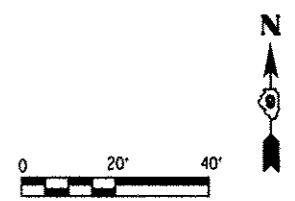
DRAINAGE REMOVAL IL 13			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	11X-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	107
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				

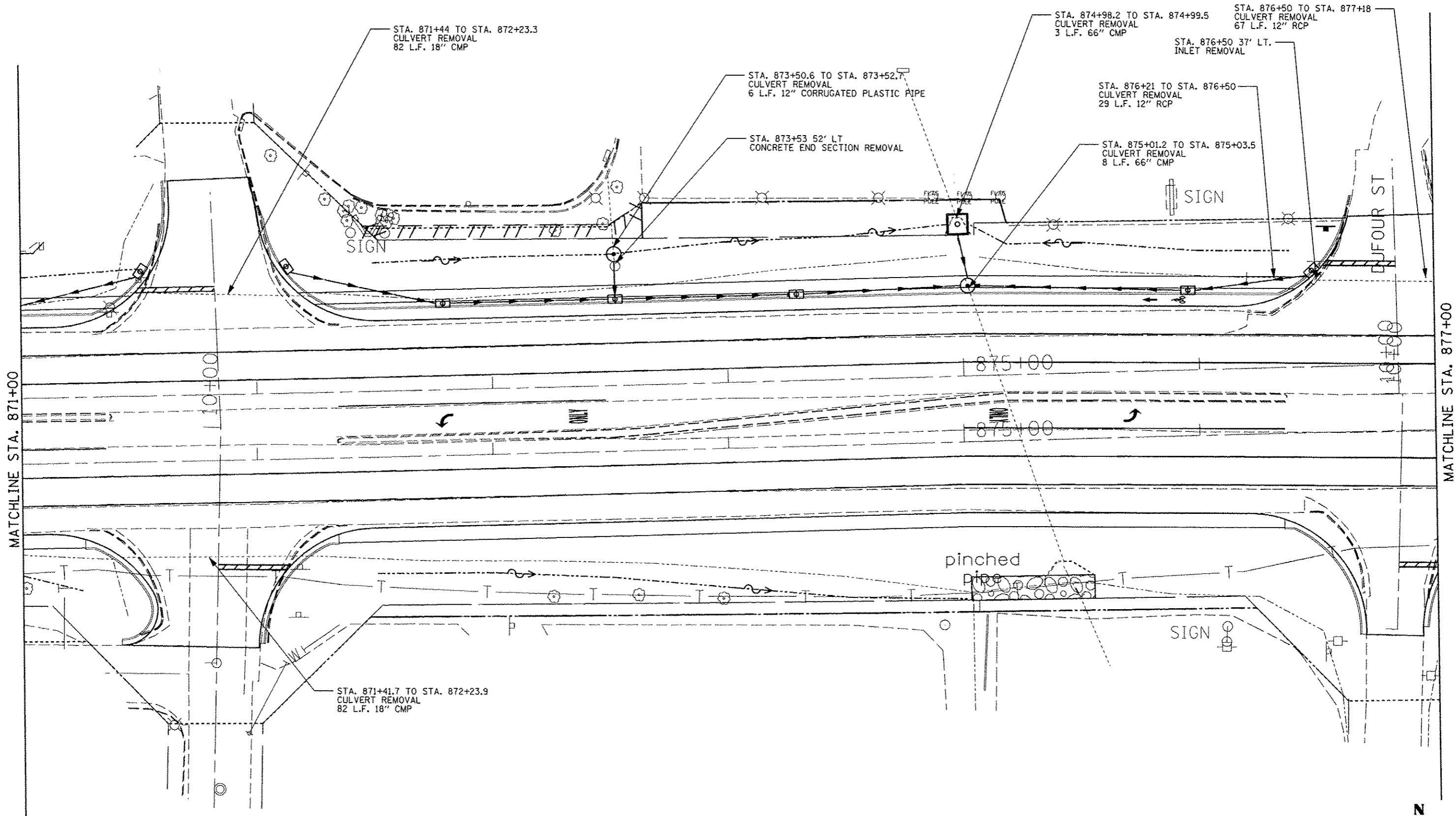


MATCHLINE STA. 865+00

MATCHLINE STA. 871+00

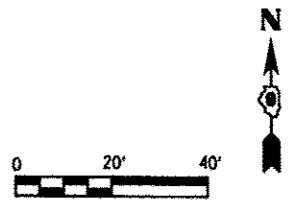


FILE NAME : c:\pwwork\pwwork\levanderba\0184451\7	USER NAME : levanderba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE REMOVAL IL 13			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	203-ahc-drain.dgn	DRAWN -	REVISED -		331	(1X-1HR-5,RS-3,N-5,TS-4	WILLIAMSON	288	108			
	PLOT SCALE : 48.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78203				
	PLOT DATE : 9/12/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

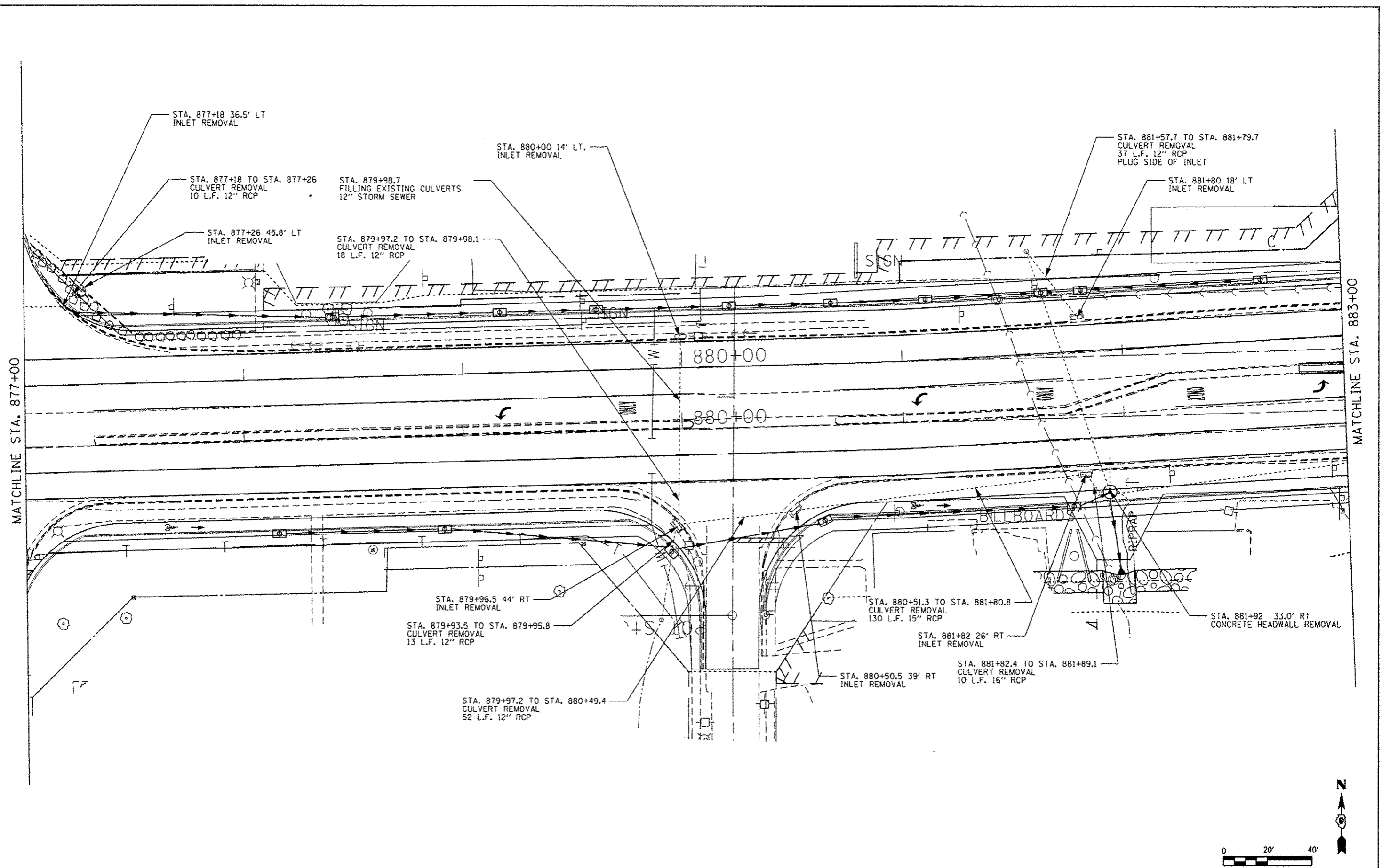


MATCHLINE STA. 871+00

MATCHLINE STA. 877+00

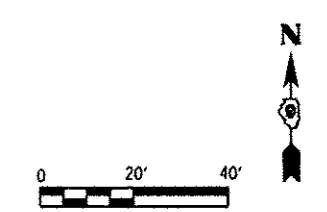


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE REMOVAL IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\kellykd\08184451\78203	ahd-dra.dgn	DRAWN -	REVISED -			331	(1X-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	109
PLOT SCALE = 40.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 78203				
PLOT DATE = 5/11/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO. OF SHEETS		STA. TO STA.		

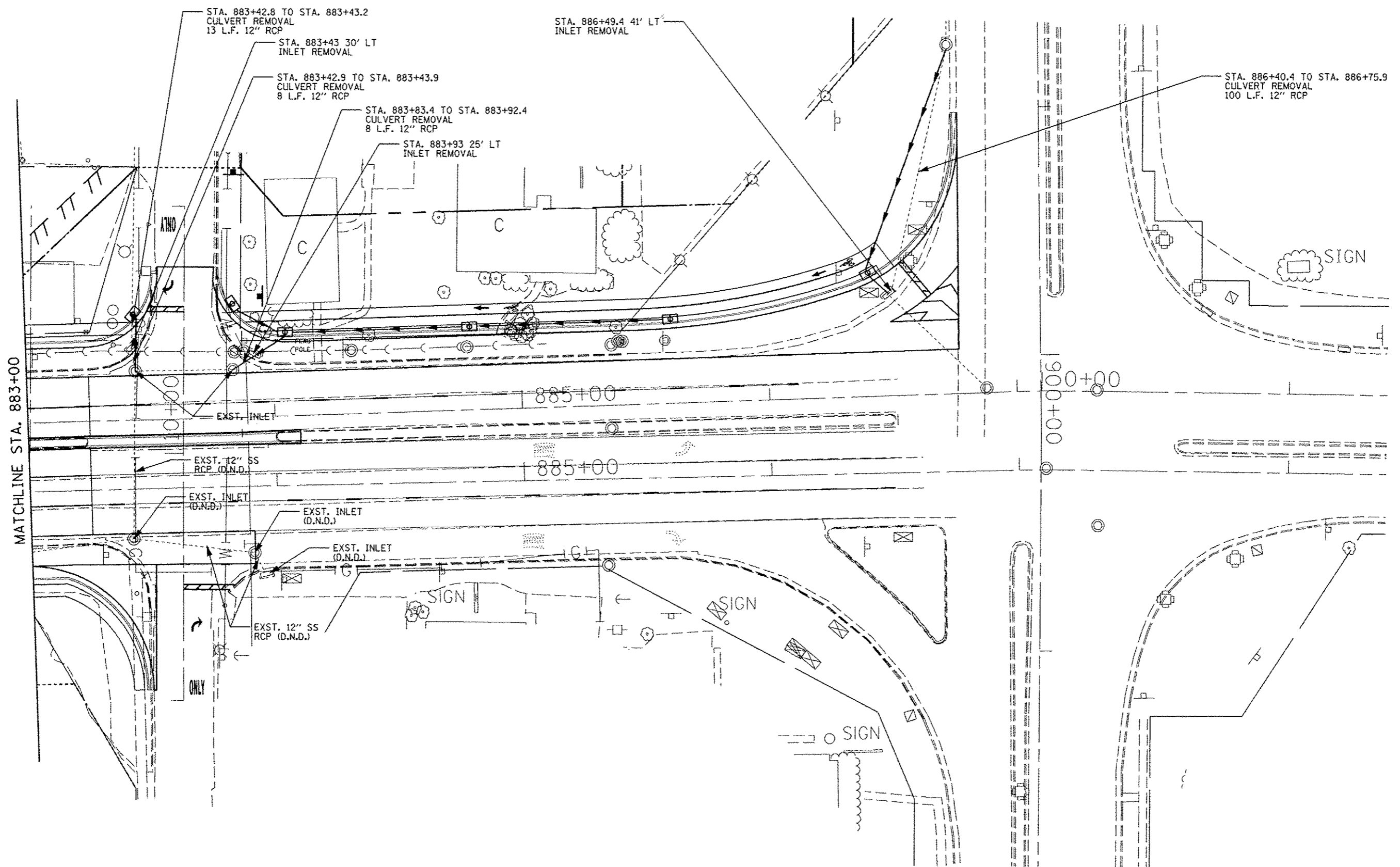


MATCHLINE STA. 877+00

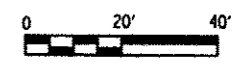
MATCHLINE STA. 883+00



FILE NAME =	USER NAME = javenderba	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE REMOVAL IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / 1" =		CHECKED -	REVISED -			CONTRACT NO. 78203				
PLOT DATE = 9/12/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

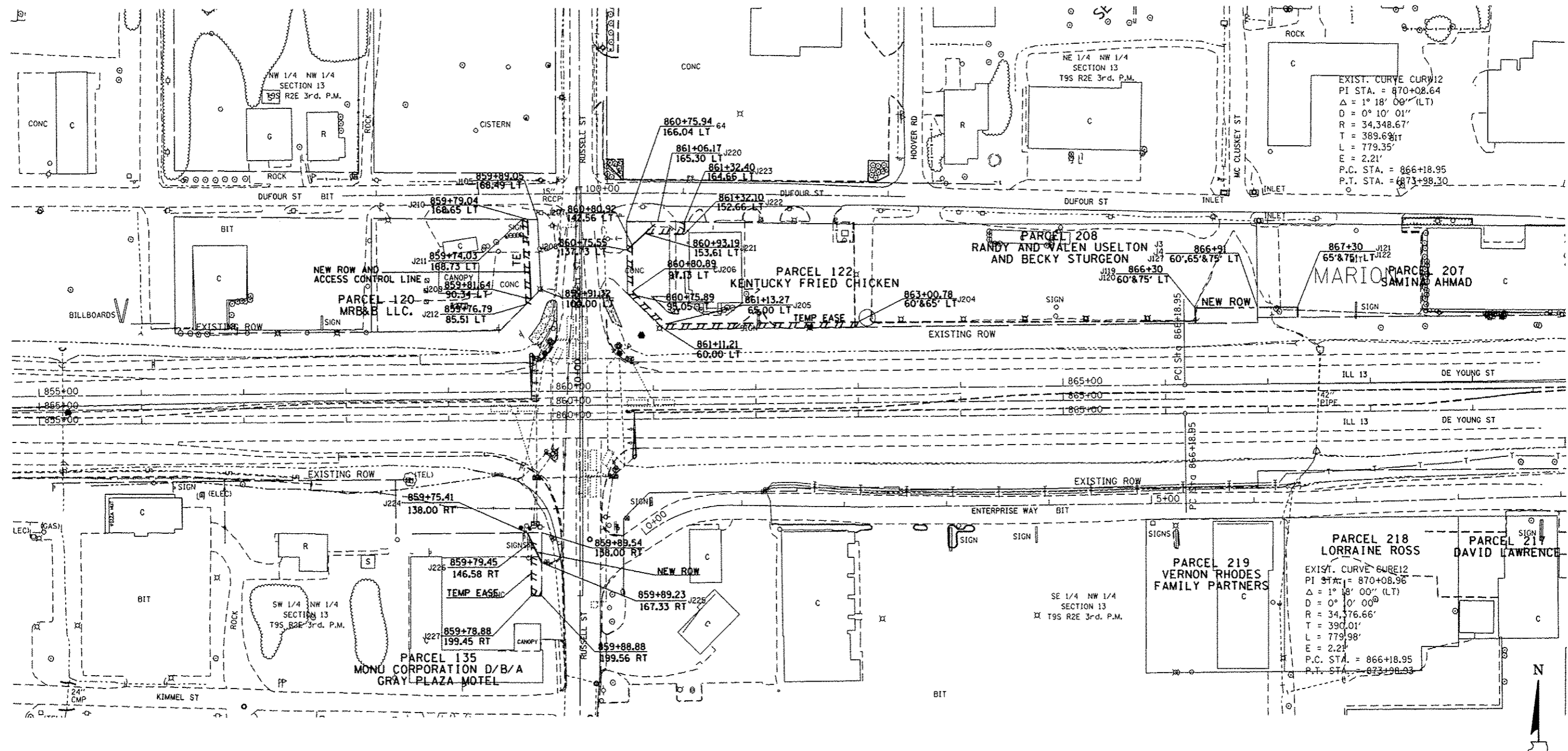


MATCHLINE STA. 883+00



FILE NAME : c:\pwworksp\psdot\khalleyk\d8184451\78203-dht-drain.dgn	USER NAME : #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE REMOVAL IL 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -			331	(1X-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	111
	PLOT DATE = 5/11/2012	DATE -	REVISED -			CONTRACT NO. 78203		ILLINOIS FED. AID PROJECT		

PARCEL #	PROPERTY OWNER	PURPOSE	ACREAGE
120	MRB&B, LLC	NEW ROW TEMP EASE	0.017± 0.009±
122	KENTUCKY FRIED CHICKEN	NEW ROW TEMP EASE	0.010± 0.041±
135	MONU CORP. D/B/A GRAY PLAZA MOTEL	NEW ROW TEMP EASE	0.005± 0.010±
207	SAMINA AHMAD	NEW ROW	0.009±
208	RANDY AND VALEN USELTON AND BECKY STURGEON	NEW ROW	0.021±



EXIST. CURVE CURV12
PI STA. = 870+08.64
Δ = 1° 18' 00" (LT)
D = 0° 10' 01"
R = 34,348.67'
T = 389.68'
L = 779.35'
E = 2.21'
P.C. STA. = 866+18.95
P.T. STA. = 873+98.30

EXIST. CURVE CURV12
PI STA. = 870+08.96
Δ = 1° 18' 00" (LT)
D = 0° 10' 00"
R = 34,376.66'
T = 390.01'
L = 779.98'
E = 2.21'
P.C. STA. = 866+18.95
P.T. STA. = 873+98.93

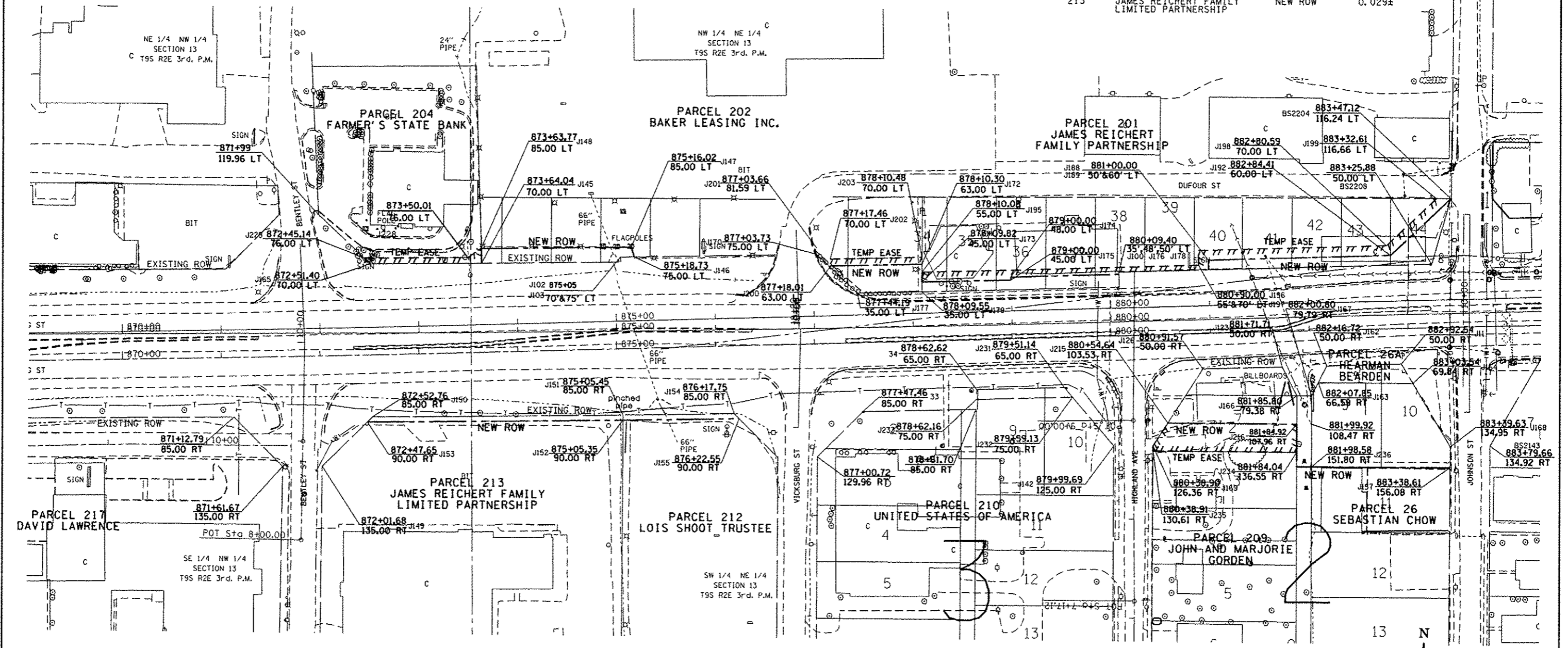
POINT COORDINATES

PT 64	N 391824.5110	E 808321.9460	PT J208	N 391796.1988	E 808321.7787
PT J3	N 391723.1784	E 808937.8289	PT J209	N 391748.0954	E 808228.2299
PT J4	N 391728.1760	E 808937.5027	PT J210	N 391826.3799	E 808225.0327
PT J105	N 391826.2983	E 808235.0444	PT J211	N 391826.4207	E 808220.0269
PT J119	N 391722.7117	E 808876.8043	PT J212	N 391743.2302	E 808223.4244
PT J120	N 391737.7112	E 808876.6896	PT J220	N 391824.0031	E 808352.1833
PT J121	N 391738.4760	E 808976.6857	PT J221	N 391812.2179	E 808339.2959
PT J122	N 391728.4763	E 808976.7631	PT J222	N 391811.5642	E 808378.2155
PT J127	N 391738.1759	E 808937.4262	PT J223	N 391823.5625	E 808378.4170
PT J204	N 391725.1937	E 808547.5593	PT J224	N 391519.7113	E 808223.7494
PT J205	N 391723.7596	E 808360.0482	PT J225	N 391490.4847	E 808237.7897
PT J206	N 391755.6383	E 808327.4263	PT J226	N 391511.1870	E 808227.8540
PT J207	N 391801.0724	E 808327.1080	PT J227	N 391458.2893	E 808227.6893

NOTE:
THE TRANSIT LINE IS USED ON
R.O.W. SHEETS FOR THE STATIONS
AND OFFSETS ON PARCELS.



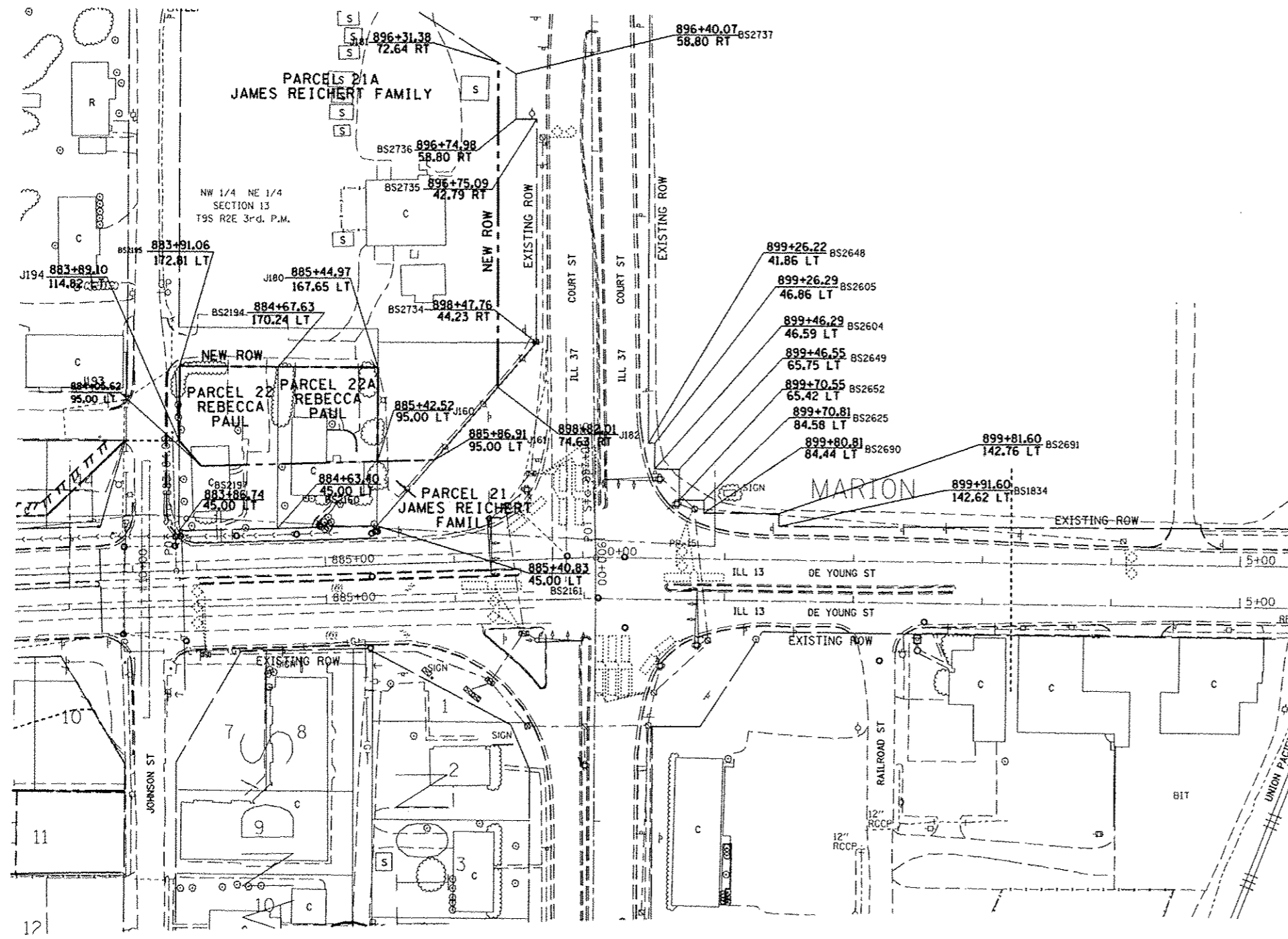
PARCEL #	PROPERTY OWNER	PURPOSE	ACREAGE
26	SEBASTIAN CHOW	NEW ROW	0.246±
26A	HEARMEN BEARDEN	NEW ROW	0.036±
201	JAMES REICHERT FAMILY PARTNERSHIP	NEW ROW TEMP EASE	0.134± 0.113±
202	BAKER LEASING INC.	NEW ROW TEMP EASE	0.103± 0.017±
204	FARMER'S STATE BANK	TEMP EASE	0.017±
209	JOHN AND MARJORIE GORDEN	NEW ROW TEMP EASE	0.140± 0.091±
210	UNITED STATES OF AMERICA	NEW ROW	0.021±
212	LOIS SHOOT TRUSTEE	NEW ROW	0.013±
213	JAMES REICHERT FAMILY LIMITED PARTNERSHIP	NEW ROW	0.029±



POINT COORDINATES

PT 33	N 391590.6044	E 809996.4693	PT J149	N 391532.1177	E 809949.9602	PT J172	N 391739.5227	E 810055.9261
PT 34	N 391612.5096	E 810105.5514	PT J150	N 391588.4932	E 809900.6342	PT J173	N 391721.5164	E 810055.8858
PT BS2204	N 391808.4000	E 810590.5300	PT J151	N 391588.4932	E 809900.6342	PT J174	N 391726.8262	E 810145.8411
PT BS2208	N 391741.5400	E 810571.3100	PT J152	N 391580.4761	E 809753.9712	PT J175	N 391723.8273	E 810145.9220
PT J111	N 391640.5788	E 810541.0191	PT J153	N 391577.4421	E 809495.6161	PT J176	N 391729.3462	E 810255.0438
PT J100	N 391716.9521	E 810255.4357	PT J154	N 391587.4051	E 809866.5518	PT J177	N 391709.9859	E 809990.5921
PT J102	N 391740.4515	E 809751.1431	PT J155	N 391582.4966	E 809871.4568	PT J178	N 391731.9453	E 810254.9835
PT J103	N 391745.4509	E 809751.0657	PT J156	N 391535.9425	E 810590.2876	PT J179	N 391711.5129	E 810055.8633
PT J123	N 391636.9138	E 810420.2466	PT J157	N 391638.2788	E 810465.2277	PT J180	N 391734.6925	E 810345.5327
PT J126	N 391634.4827	E 810340.1359	PT J158	N 391621.4306	E 810456.8713	PT J189	N 391744.6879	E 810345.2293
PT J142	N 391556.7184	E 810250.5172	PT J159	N 391621.0807	E 810552.6142	PT J192	N 391750.2816	E 810529.5575
PT J145	N 391738.5622	E 809610.4849	PT J160	N 391607.9773	E 810435.2216	PT J196	N 391731.5199	E 810055.9082
PT J146	N 391745.6667	E 809764.7609	PT J161	N 391608.0232	E 810450.2216	PT J197	N 391739.4673	E 810335.3832
PT J147	N 391755.6216	E 809761.9035	PT J162	N 391557.0950	E 810289.8098	PT J198	N 391754.3800	E 810334.9306
PT J148	N 391753.5582	E 809610.0459	PT J163	N 391556.5641	E 810289.8098	PT J199	N 391760.1609	E 810525.4284
			PT J164	N 391587.4051	E 809866.5518	PT J200	N 391808.3765	E 810576.0118
			PT J165	N 391582.4966	E 809871.4568		N 391737.4023	E 809963.8305

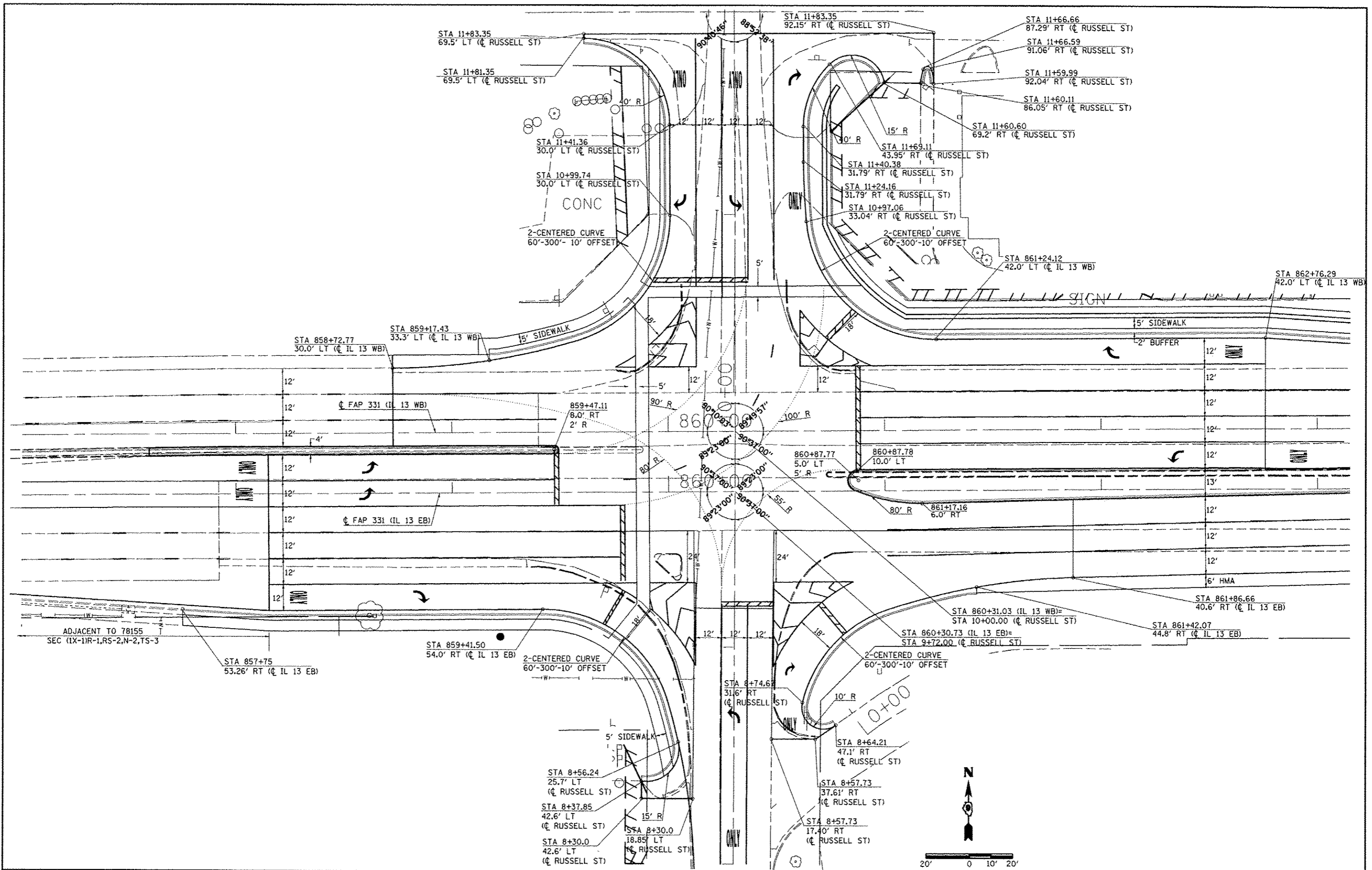
PARCEL #	PROPERTY OWNER	PURPOSE	ACREAGE
21	JAMES REICHERT FAMILY	NEW ROW	0.025±
21A	JAMES REICHERT FAMILY	NEW ROW	0.169±
22	REBECCA PAUL	TOTAL TAKE	0.223±
22A	REBECCA PAUL	TOTAL TAKE	0.220±



POINT COORDINATES

PT BS1834	N 391743.7300	E 811098.2200
PT BS2160	N 391740.7200	E 810708.9200
PT BS2161	N 391743.0700	E 810786.3100
PT BS2194	N 391866.0300	E 810709.3500
PT BS2195	N 391866.2700	E 810632.7300
PT BS2197	N 391738.3900	E 810632.2900
PT BS2604	N 391787.9200	E 811001.6700
PT BS2605	N 391807.9200	E 811001.7100
PT BS2625	N 391763.8400	E 811039.9400
PT BS2648	N 391807.9300	E 810996.7100
PT BS2649	N 391787.8800	E 811020.8300
PT BS2652	N 391763.8800	E 811020.7800
PT BS2690	N 391753.8400	E 811039.9200
PT BS2691	N 391753.7300	E 811098.2400
PT BS2734	N 391885.3900	E 810909.7200
PT BS2735	N 392058.3800	E 810909.7300
PT BS2736	N 392058.4200	E 810893.7200
PT BS2737	N 392093.4200	E 810893.5900
PT J160	N 391793.0945	E 810786.4818
PT J161	N 391794.4411	E 810830.8554
PT J180	N 391865.7876	E 810786.7314
PT J181	N 392102.0999	E 810879.7325
PT J182	N 391850.7908	E 810879.7180
PT J193	N 391788.9420	E 810649.6444
PT J194	N 391808.2555	E 810632.5304

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PLOT SCALE = 1/8"=1'-0"	PLOT DATE = 5/11/2012	DRAWN -	REVISED -		PROJECT D905910	JOB NO. R-99-008-10	CONTRACT NO. 78203					
		CHECKED -	REVISED -		SCALE: 50	SHEET 3 OF 3 SHEETS	STA. 883+00 TO STA. 5+00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
		DATE -	REVISED -									



FILE NAME :	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pvc\work\pvc\dot\kell\m\k\ad\0184451\7820	ah-t-geo2.dgn	DRAWN -	REVISED -			331	(1X-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	115	
	PLOT SCALE = 40.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 78203					
	PLOT DATE = 5/11/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF SHEETS		STA.	TO STA.		

WB OUTSIDE THROUGH LANE EDGE OF PAVEMENT OFFSET
 CL IL 13 WB LT

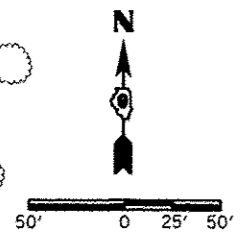
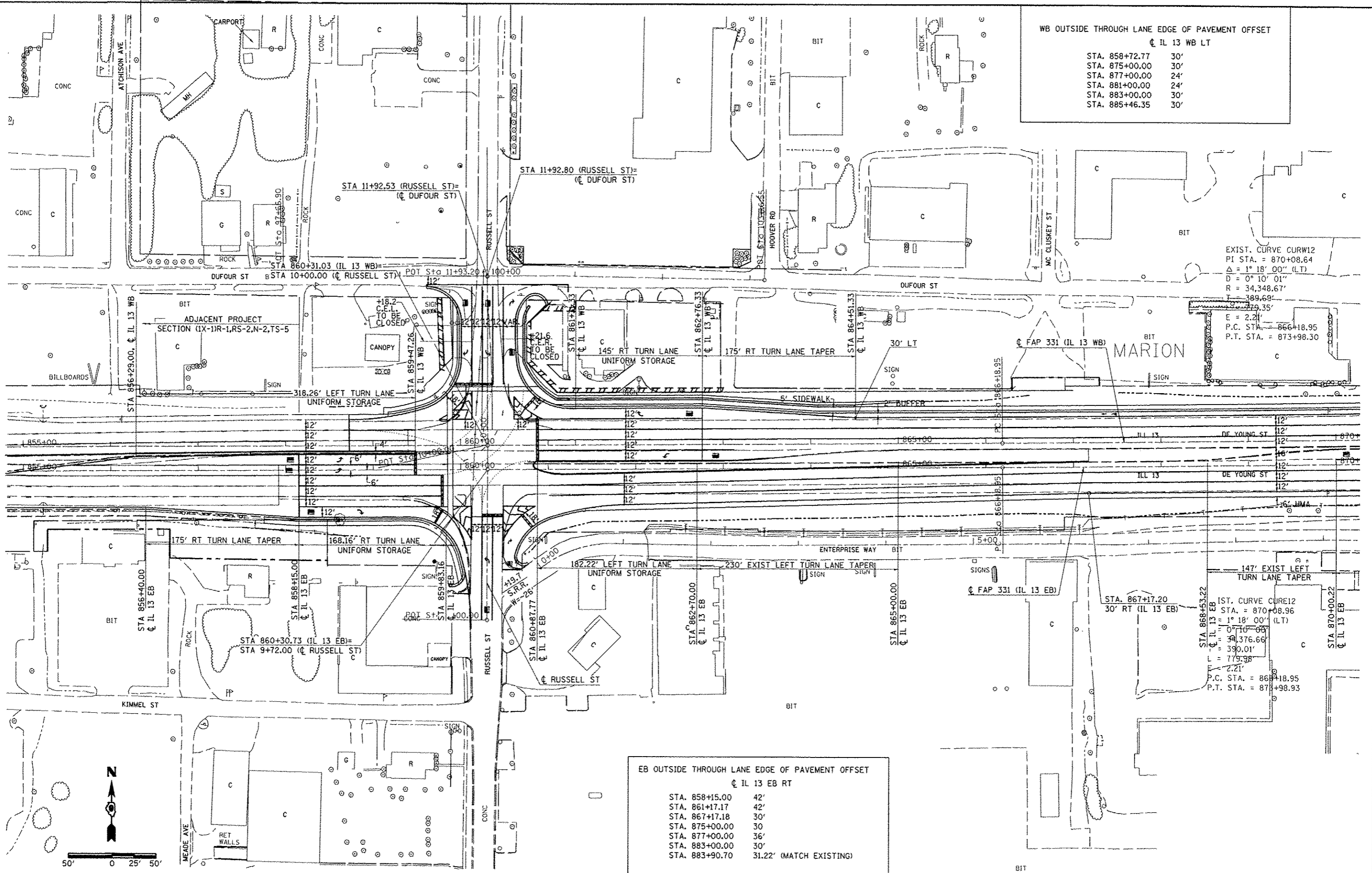
STA. 858+72.77	30'
STA. 875+00.00	30'
STA. 877+00.00	24'
STA. 881+00.00	24'
STA. 883+00.00	30'
STA. 885+46.35	30'

EXIST. CURVE CURW12
 PI STA. = 870+08.64
 $\Delta = 1^\circ 18' 00''$ (LT)
 $D = 0^\circ 10' 01''$
 $R = 34,348.67'$
 $T = 389.68'$
 $E = 2.21'$
 P.C. STA. = 866+18.95
 P.T. STA. = 873+98.30

IST. CURVE CURE12
 STA. = 870+08.96
 $\Delta = 1^\circ 18' 00''$ (LT)
 $D = 0^\circ 10' 00''$
 $R = 34,376.66'$
 $T = 390.01'$
 $E = 2.21'$
 P.C. STA. = 866+18.95
 P.T. STA. = 873+98.93

EB OUTSIDE THROUGH LANE EDGE OF PAVEMENT OFFSET
 CL IL 13 EB RT

STA. 858+15.00	42'
STA. 861+17.17	42'
STA. 867+17.18	30'
STA. 875+00.00	30'
STA. 877+00.00	36'
STA. 883+00.00	30'
STA. 883+90.70	31.22' (MATCH EXISTING)



FILE NAME:
 USER NAME:
 PLOT SCALE: 1/8" = 100'-0"
 PLOT DATE: 5/11/2012

DESIGNED	REVISION
DRAWN	REVISION
CHECKED	REVISION
DATE	REVISION

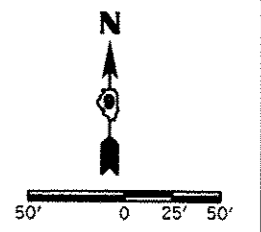
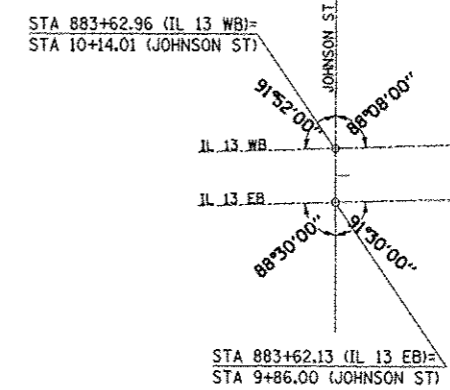
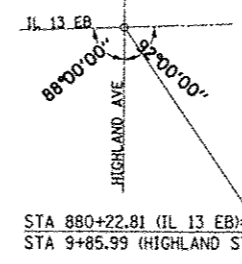
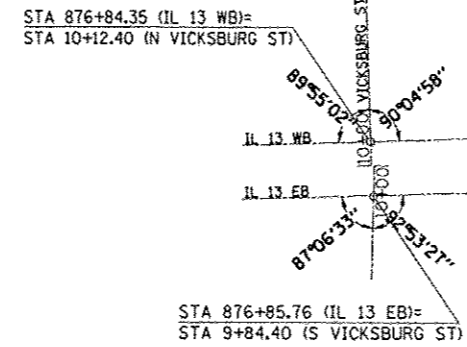
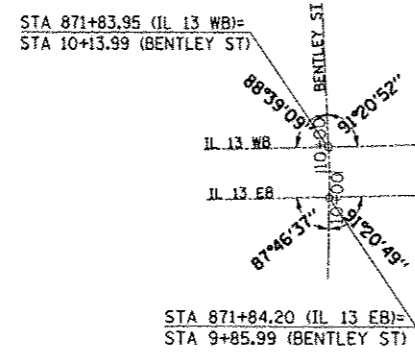
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GEOMETRICS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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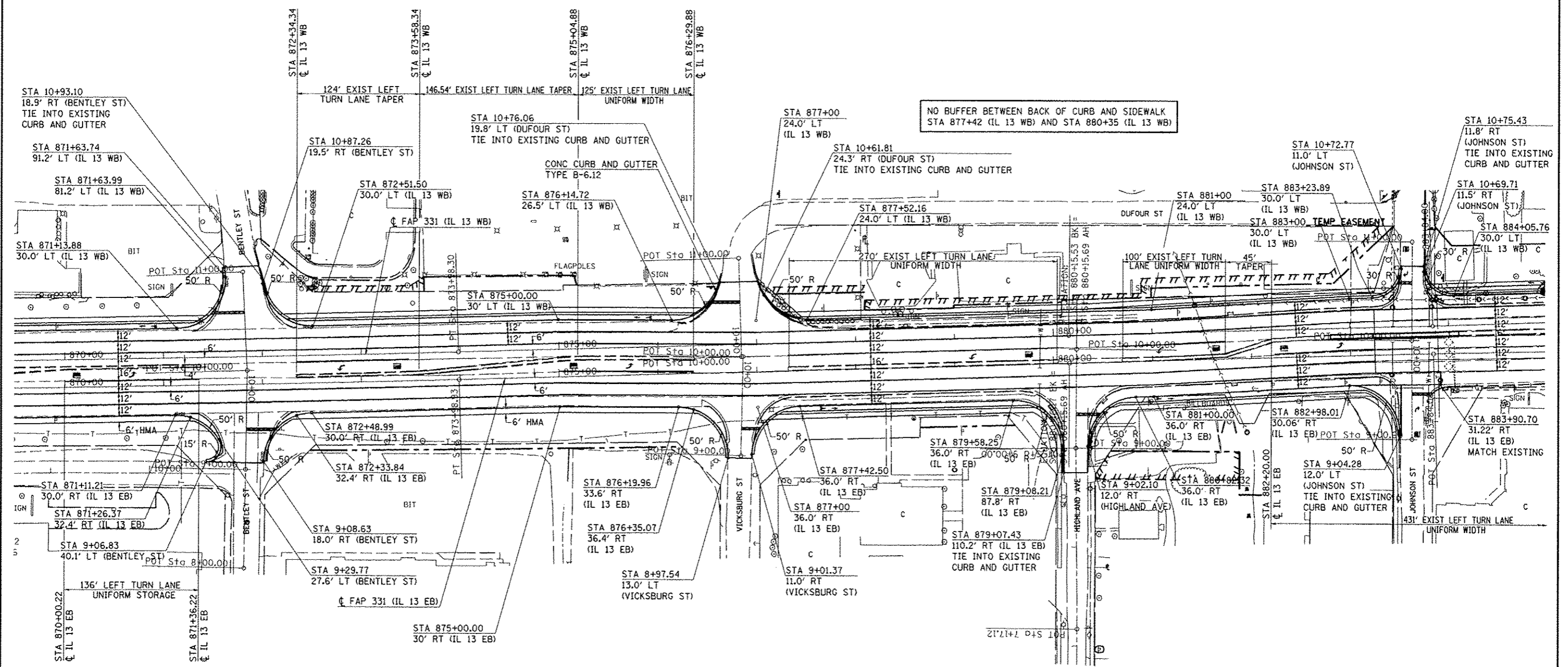
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	116
				CONTRACT NO. 78203
ILLINOIS FED. AID PROJECT				

INTERSECTION DETAILS



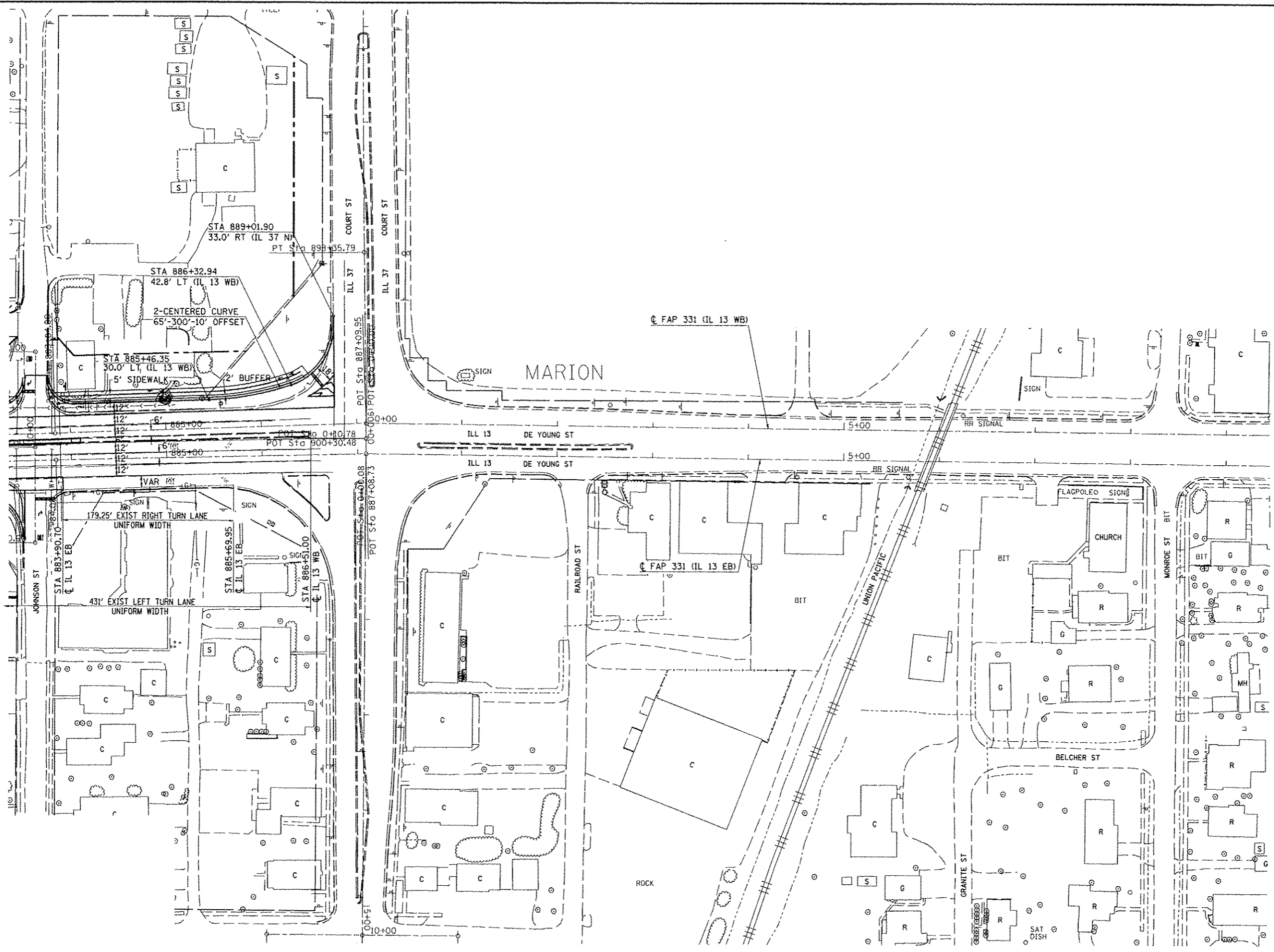
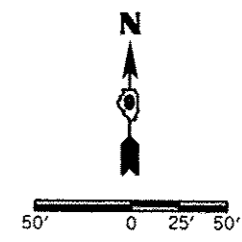
EXISTING TURN LANE TAPERS AND UNIFORM STORAGE TO REMAIN IN PLACE FOR BENTLEY ST., VICKSBURG ST., HIGHLAND AVE., JOHNSON ST., AND IL 13.

EXTEND MEDIAN ACROSS JOHNSON STREET TO CREATE RIGHT IN/RIGHT OUT ACCESS TO THE NORTH AND SOUTH LEG OF JOHNSON ST



NO BUFFER BETWEEN BACK OF CURB AND SIDEWALK
STA 877+42 (IL 13 WB) AND STA 880+35 (IL 13 WB)

FILE NAME :	USER NAME : #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GEOMETRICS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
al:\pwork\pwork\sketch\8104451\78202-ah1-geo2.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	331 (X-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	117
PLOT SCALE = 1/80.0000 / in.		CHECKED -	REVISED -											
PLOT DATE = 5/11/2012		DATE -	REVISED -											
											CONTRACT NO. 78203		ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
et:\pwork\pwork\skellaghd\8184451\78203-ah-geo2.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GEOMETRICS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

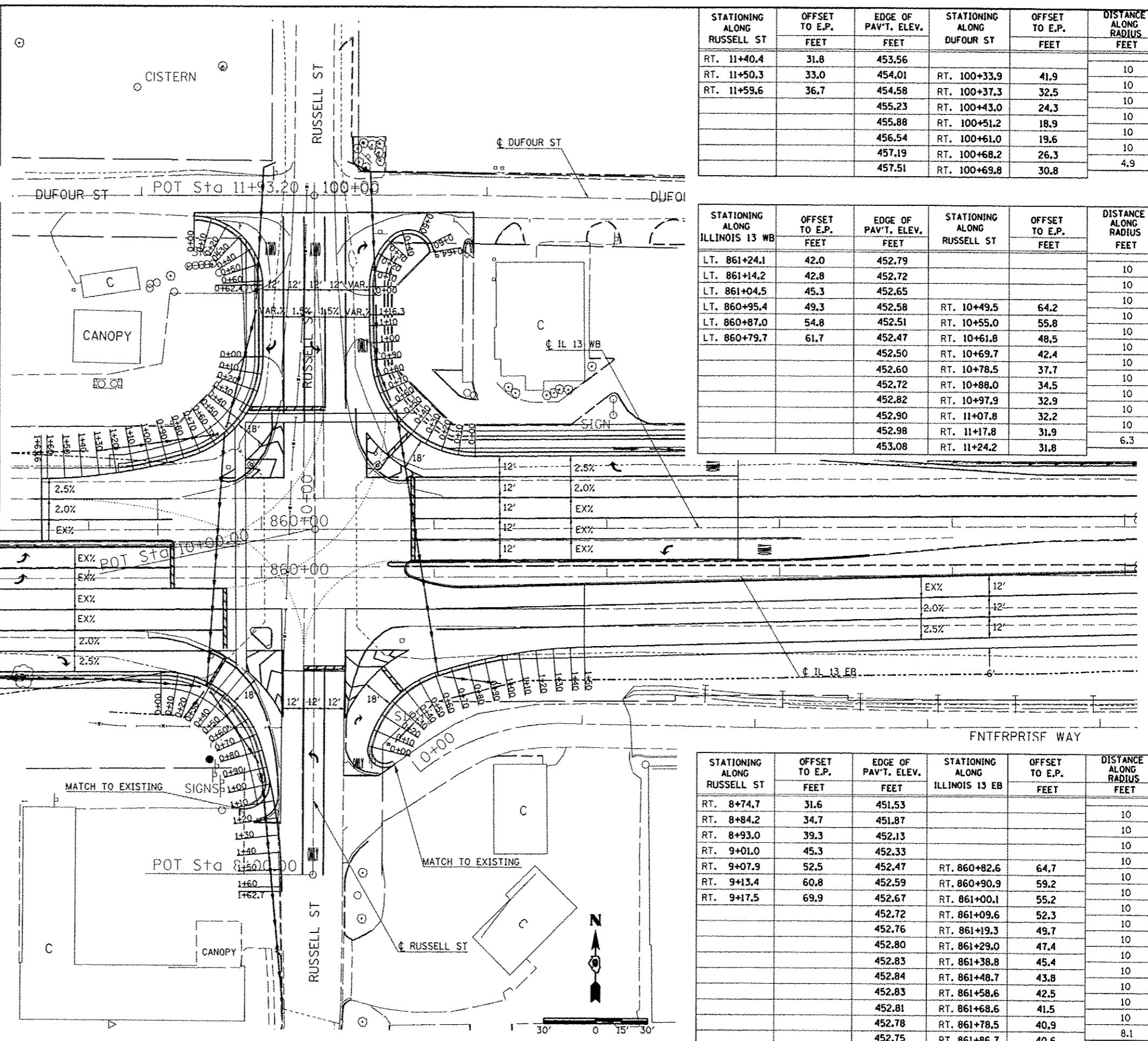
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-DR-5-RS-3,N-5,TS-4	WILLIAMSON	288	118
CONTRACT NO. 78203				
[ILLINOIS] FED. AID PROJECT				

STATIONING ALONG DUFOUR ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 99+30.6	12.0	455.70			
RT. 99+40.5	13.2	455.35			10
RT. 99+49.8	16.9	455.02			10
RT. 99+57.9	22.7	454.70			10
RT. 99+64.3	30.4	454.40	LT. 11+62.6	36.1	10
RT. 99+68.6	39.4	454.12	LT. 11+53.5	31.9	10
		453.85	LT. 11+43.7	30.1	10
		453.80	LT. 11+41.4	30.0	2.4

STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 10+99.7	30.0	453.17			10
LT. 10+89.8	30.8	453.05			10
LT. 10+80.1	33.3	452.94			10
LT. 10+71.0	37.3	452.85			10
LT. 10+62.6	42.8	452.80			10
LT. 10+55.3	49.7	452.77	LT. 859+81.5	55.5	10
LT. 10+49.2	57.6	452.78	LT. 859+73.6	49.4	10
		452.82	LT. 859+64.8	44.8	10
		452.90	LT. 859+55.3	41.6	10
		453.00	LT. 859+45.6	39.0	10
		453.14	LT. 859+35.9	36.7	10
		453.31	LT. 859+26.1	34.8	10
		453.51	LT. 859+16.2	33.2	10
		453.91	LT. 859+06.3	31.9	10
		453.96	LT. 858+96.3	30.9	10
		453.96	LT. 858+86.4	30.3	10
		454.02	LT. 858+76.4	30.0	10
		454.03	LT. 858+72.8	30.0	3.6

STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG DUFOUR ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 11+40.4	31.8	453.56			
RT. 11+50.3	33.0	454.01	RT. 100+33.9	41.9	10
RT. 11+59.6	36.7	454.58	RT. 100+37.3	32.5	10
		455.23	RT. 100+43.0	24.3	10
		455.88	RT. 100+51.2	18.9	10
		456.54	RT. 100+61.0	19.6	10
		457.19	RT. 100+68.2	26.3	10
		457.51	RT. 100+69.8	30.8	4.9

STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 861+24.1	42.0	452.79			10
LT. 861+14.2	42.8	452.72			10
LT. 861+04.5	45.3	452.65			10
LT. 860+95.4	49.3	452.58	RT. 10+49.5	64.2	10
LT. 860+87.0	54.8	452.51	RT. 10+55.0	55.8	10
LT. 860+79.7	61.7	452.47	RT. 10+61.8	48.5	10
		452.50	RT. 10+69.7	42.4	10
		452.60	RT. 10+78.5	37.7	10
		452.72	RT. 10+88.0	34.5	10
		452.82	RT. 10+97.9	32.9	10
		452.90	RT. 11+07.8	32.2	10
		452.98	RT. 11+17.8	31.9	10
		453.08	RT. 11+24.2	31.8	6.3

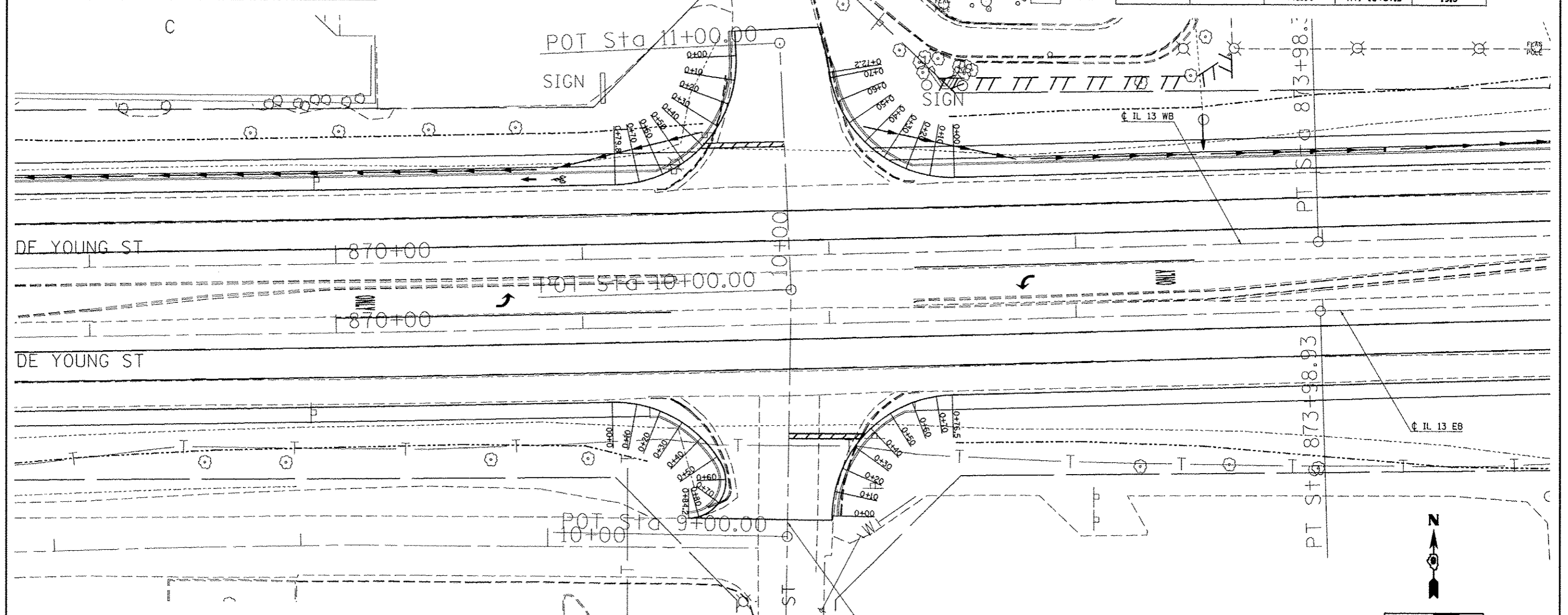


STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 859+41.5	54.0	453.24			10
RT. 859+51.5	54.8	453.05	RT. 9+16.3	78.7	10
RT. 859+61.1	57.3	452.86	RT. 9+14.0	69.0	10
RT. 859+70.3	61.3	452.66	RT. 9+10.0	59.8	10
		452.46	RT. 9+04.6	51.4	10
		452.26	RT. 8+97.9	44.0	10
		452.05	RT. 8+90.0	37.9	10
		451.85	RT. 8+81.2	33.1	10
		451.63	RT. 8+71.8	29.8	10
		451.42	RT. 8+62.1	27.2	10
		451.20	RT. 8+52.4	24.9	10
		451.07	RT. 8+42.6	22.9	10
		450.87	RT. 8+32.7	21.3	10
			RT. 8+22.8	20.0	10
			RT. 8+12.9	19.0	10
			RT. 8+02.9	18.3	10
			RT. 7+92.9	18.0	10
			RT. 7+90.2	18.0	2.7

STATIONING ALONG RUSSELL ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 8+74.7	31.6	451.53			10
RT. 8+84.2	34.7	451.87			10
RT. 8+93.0	39.3	452.13			10
RT. 9+01.0	45.3	452.33			10
RT. 9+07.9	52.5	452.47	RT. 860+82.6	64.7	10
RT. 9+13.4	60.8	452.59	RT. 860+90.9	59.2	10
RT. 9+17.5	69.9	452.67	RT. 861+00.1	55.2	10
		452.72	RT. 861+09.6	52.3	10
		452.76	RT. 861+19.3	49.7	10
		452.80	RT. 861+29.0	47.4	10
		452.83	RT. 861+38.8	45.4	10
		452.84	RT. 861+48.7	43.8	10
		452.83	RT. 861+58.6	42.5	10
		452.81	RT. 861+68.6	41.5	10
		452.78	RT. 861+78.5	40.9	10
		452.75	RT. 861+86.7	40.6	8.1

STATIONING ALONG BENTLEY ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 10+95.7	18.0	449.81			10
LT. 10+85.8	19.0	449.91			10
LT. 10+76.2	21.9	450.04			10
LT. 10+67.5	26.7	450.17	LT. 871+55.9	52.8	10
LT. 10+59.8	33.2	450.33	LT. 871+49.7	45.0	10
LT. 10+53.6	41.0	450.49	LT. 871+42.0	38.6	10
		450.68	LT. 871+33.2	33.9	10
		450.79	LT. 871+23.6	31.0	10
		450.84	LT. 871+13.9	30.0	9.8

STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG BENTLEY ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 872+51.5	30.0	450.36			10
LT. 872+41.6	31.0	450.37			10
LT. 872+32.0	33.9	450.34	RT. 10+46.8	48.8	10
LT. 872+23.2	38.7	450.25	RT. 10+51.8	40.1	10
LT. 872+15.6	45.1	450.09	RT. 10+58.4	32.6	10
		449.96	RT. 10+66.4	26.6	10
		449.87	RT. 10+75.4	22.3	10
		449.80	RT. 10+85.0	19.8	10
		449.80	RT. 10+87.3	19.5	2.2

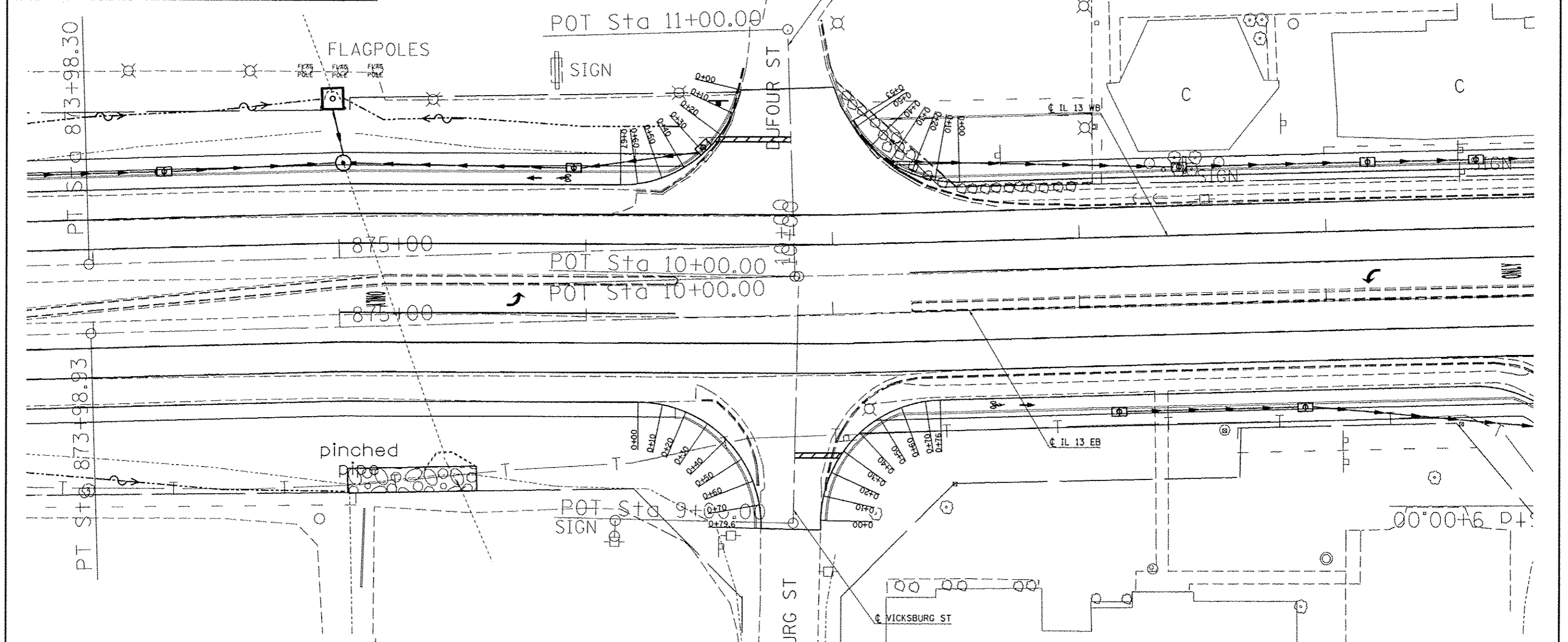


STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG BENTLEY ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 871+11.2	30.0	450.88			10
RT. 871+21.1	31.0	450.62			10
RT. 871+30.7	34.0	450.34	LT. 9+50.0	52.2	10
RT. 871+39.4	38.7	450.03	LT. 9+45.6	43.3	10
RT. 871+47.0	45.2	449.69	LT. 9+39.4	35.4	10
		449.32	LT. 9+31.8	28.9	10
		448.92	LT. 9+22.7	25.3	10
		448.30	LT. 9+13.2	28.0	10
		448.24	LT. 9+07.5	36.0	10
		448.24	LT. 9+06.8	40.1	4.2

STATIONING ALONG BENTLEY ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 9+08.6	18.0	448.46			10
RT. 9+18.6	19.0	448.86			10
RT. 9+28.1	21.9	449.24			10
RT. 9+36.9	26.7	449.57	RT. 872+09.0	50.1	10
RT. 9+44.5	33.2	449.86	RT. 872+15.7	42.8	10
RT. 9+50.7	41.0	450.21	RT. 872+23.7	36.9	10
		450.33	RT. 872+32.8	32.7	10
		450.40	RT. 872+42.5	30.4	10
		450.42	RT. 872+49.0	30.0	6.5

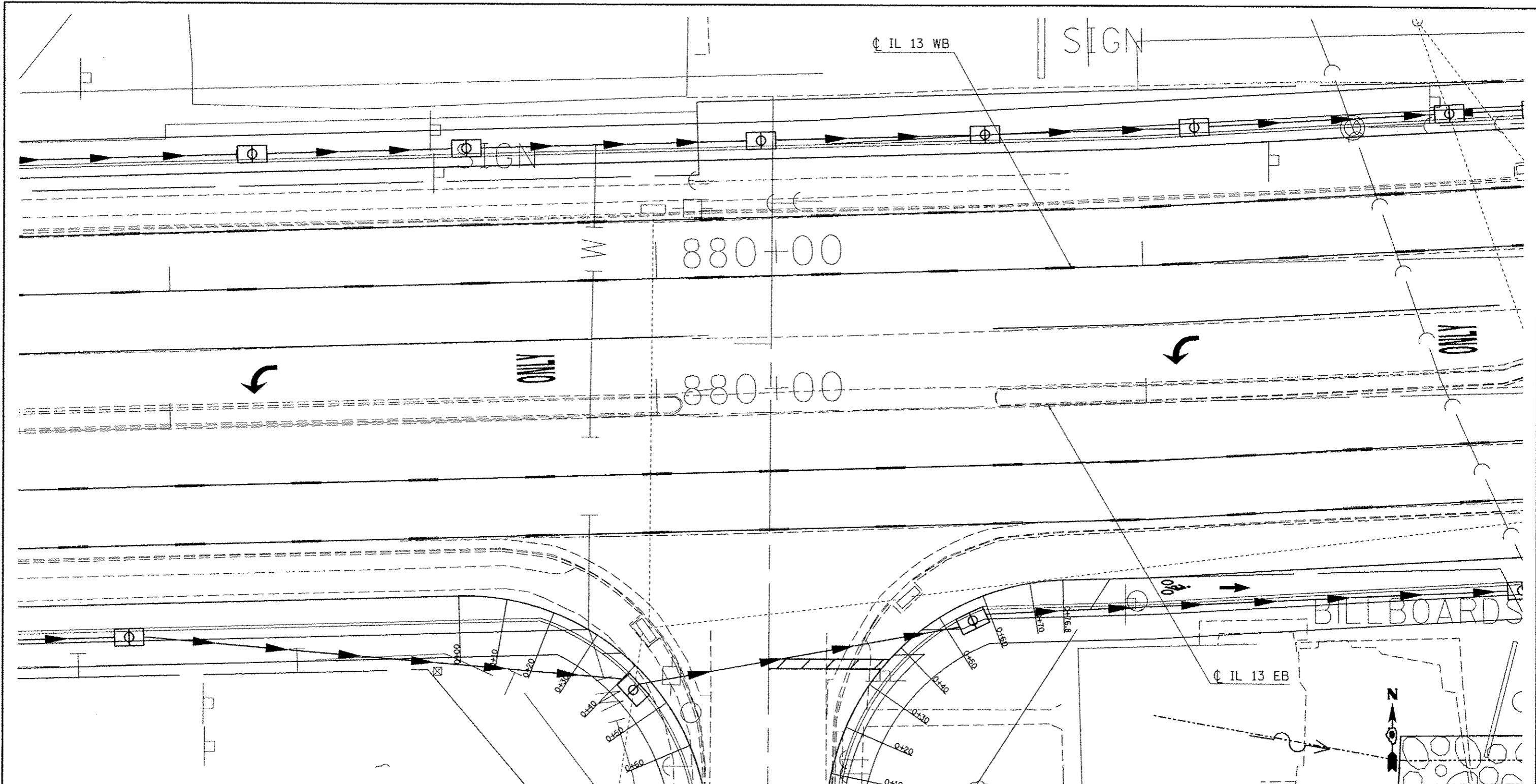
STATIONING ALONG DUFOUR ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 10+76.1	19.7	448.87			10
LT. 10+66.7	23.3	448.71			10
LT. 10+58.3	28.6	448.60			10
LT. 10+51.1	35.5	448.57	LT. 876+48.8	38.6	10
LT. 10+45.4	43.7	448.62	LT. 876+40.6	32.9	10
		448.75	LT. 876+31.5	28.9	10
		448.83	LT. 876+21.7	26.8	10
		448.86	LT. 876+14.7	26.6	7

STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG DUFOUR ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 877+52.2	24.0	448.44			10
LT. 877+42.2	25.0	448.41			10
LT. 877+32.7	27.9	448.39			10
LT. 877+23.9	32.7	448.40	RT. 10+45.1	39.6	10
LT. 877+16.3	39.2	448.47	RT. 10+51.5	32.0	10
		448.58	RT. 10+59.4	25.8	10
		448.63	RT. 10+61.8	24.3	3



STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG VICKSBURG ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 876+20.0	33.6	448.80			10
RT. 876+29.9	34.9	448.58			10
RT. 876+39.3	38.1	448.39	LT. 9+44.0	44.5	10
RT. 876+47.9	43.2	448.21	LT. 9+39.4	35.6	10
		448.04	LT. 9+33.1	27.9	10
		447.90	LT. 9+25.4	21.5	10
		447.77	LT. 9+16.6	25.3	10
		447.66	LT. 9+07.0	13.9	10
		447.57	LT. 9+00.0	13.0	9.6

STATIONING ALONG VICKSBURG ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 9+01.4	11.0	447.62			10
RT. 9+11.3	12.0	447.76			10
RT. 9+20.8	14.9	447.87			10
RT. 9+29.6	19.7	447.98			10
RT. 9+37.2	26.2	448.08			10
RT. 9+43.4	34.0	448.16	RT. 877+17.6	42.6	10
RT. 9+48.0	42.9	448.22	RT. 877+26.8	38.5	10
		448.26	RT. 877+36.5	36.4	10
		448.28	RT. 877+42.5	36.0	6



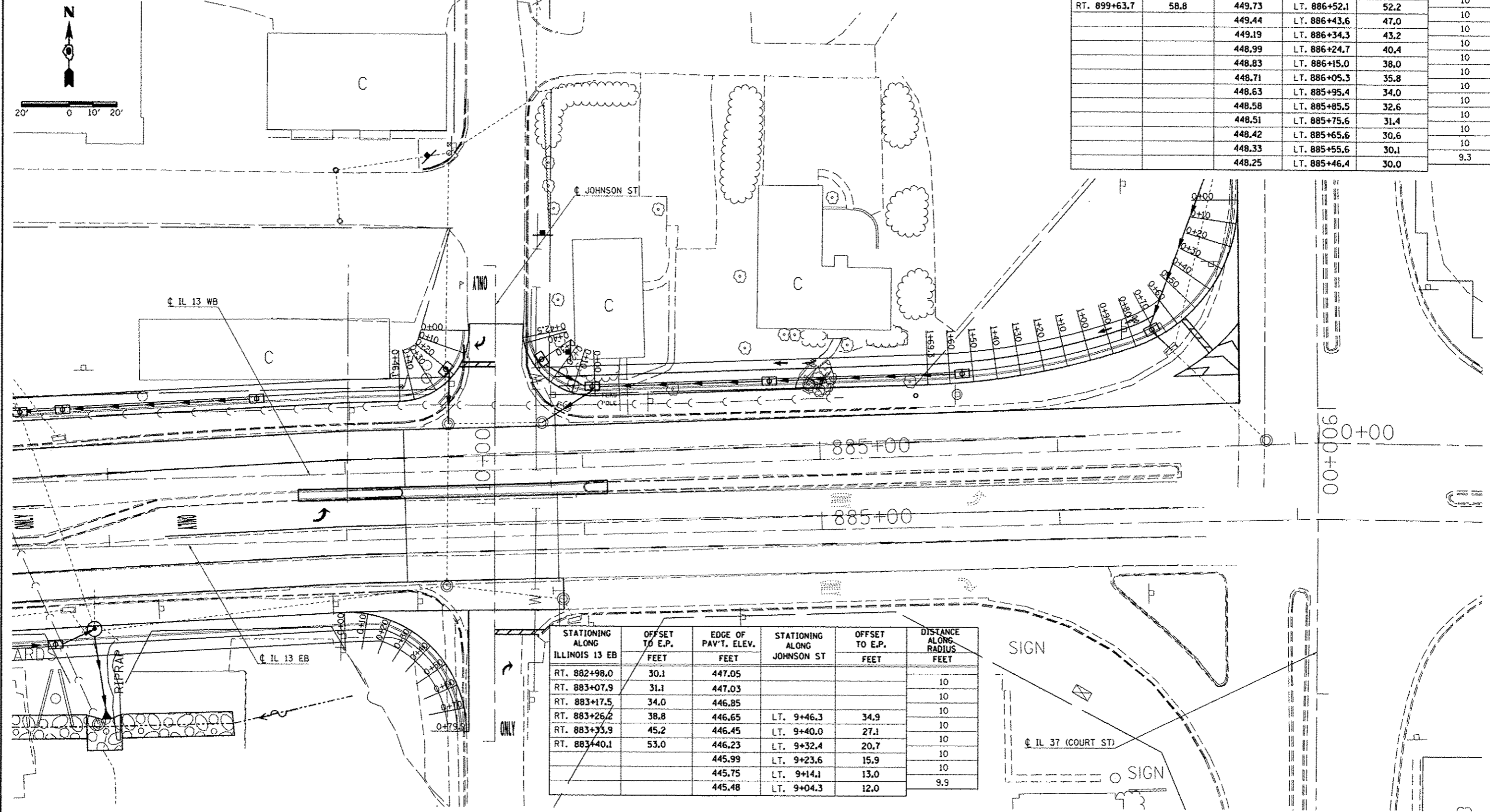
STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG HIGHLAND ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 879+58.2	36.0	447.44			
RT. 879+68.2	37.0	447.28			10
RT. 879+77.7	39.9	447.17	LT. 9+44.5	44.1	10
RT. 879+86.5	44.7	447.10	LT. 9+40.0	35.2	10
		447.08	LT. 9+33.8	27.4	10
		447.10	LT. 9+26.2	20.9	10
		447.17	LT. 9+17.5	16.1	10
		447.29	LT. 9+08.0	13.1	10
		447.43	LT. 8+98.2	12.0	10
		447.43	LT. 8+97.9	12.0	0.3

STATIONING ALONG HIGHLAND ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 9+02.1	12.0	447.40			
RT. 9+12.0	13.0	447.27			10
RT. 9+21.6	15.9	447.15			10
RT. 9+30.3	20.7	447.02			10
RT. 9+38.0	27.2	446.89	RT. 880+48.3	48.9	10
RT. 9+44.2	35.0	446.81	RT. 880+56.3	43.0	10
RT. 9+48.7	43.9	446.82	RT. 880+65.4	38.8	10
		446.93	RT. 880+75.1	36.5	10
		446.93	RT. 880+81.8	36.0	6.8

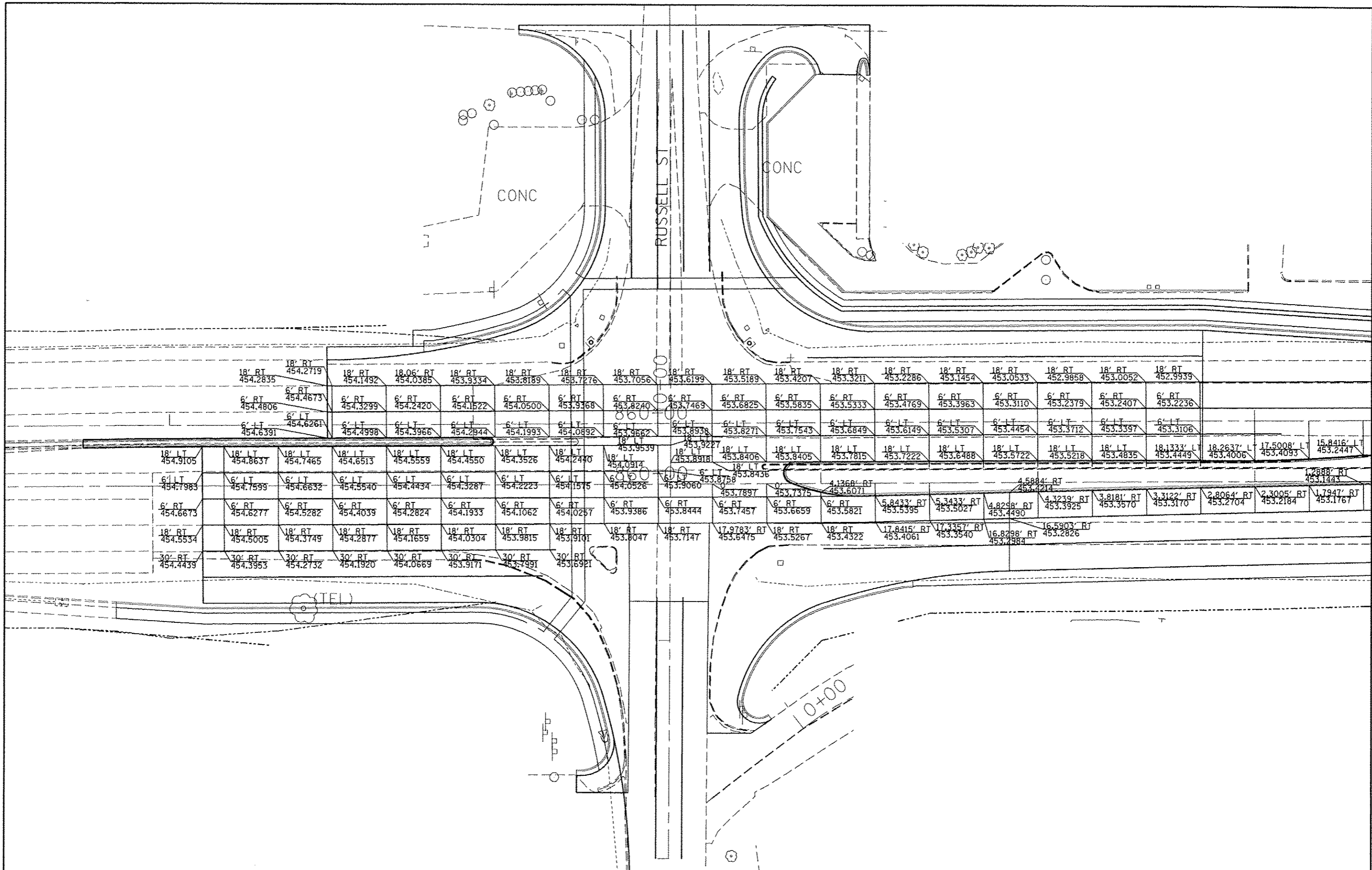
STATIONING ALONG JOHNSON ST	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 10+72.7	11.0	447.49			10
LT. 10+62.9	12.7	447.32			10
LT. 10+54.2	17.4	447.19			10
LT. 10+47.5	24.8	447.12	LT. 883+39.3	34.2	10
LT. 10+43.5	33.9	447.08	LT. 883+30.0	30.6	10
		447.08	LT. 883+23.9	30.0	6.1

STATIONING ALONG ILLINOIS 13 WB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG JOHNSON ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
LT. 884+06.3	30.0	447.34	RT. 10+46.8	32.3	10
LT. 883+96.5	31.7	447.20	RT. 10+51.2	23.4	10
		447.21	RT. 10+58.3	16.4	10
		447.43	RT. 10+67.3	12.1	10
		447.48	RT. 10+69.8	11.6	2.5

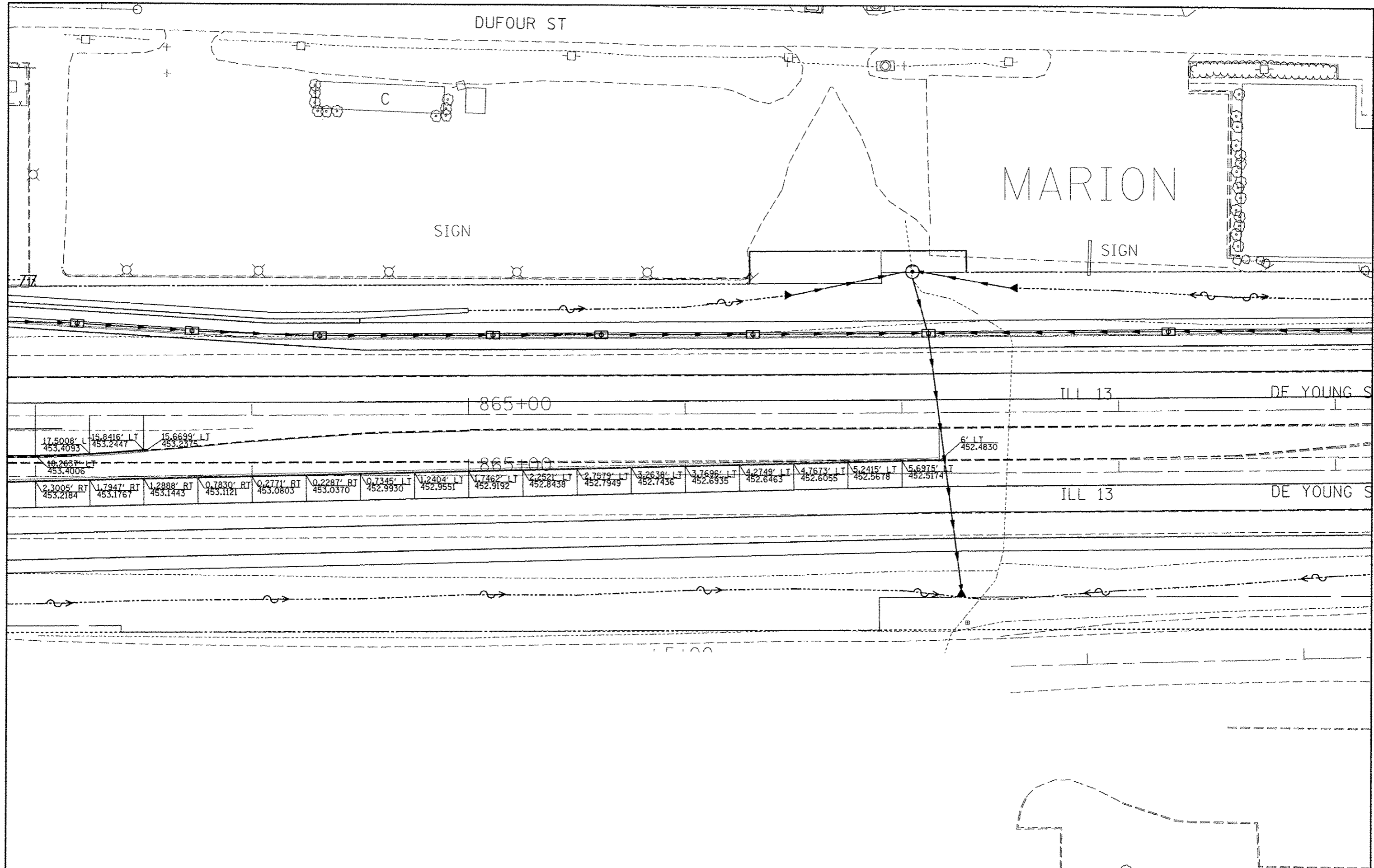
STATIONING ALONG ILLINOIS 37 (COURT ST)	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG ILLINOIS 13	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 899+11.9	33.0	451.66			10
RT. 899+21.9	33.8	451.56			10
RT. 899+31.6	36.1	451.32			10
RT. 899+40.8	39.8	450.86			10
RT. 899+49.4	44.9	450.44	LT. 886+66.3	66.2	10
RT. 899+57.1	51.3	450.06	LT. 886+59.7	58.6	10
RT. 899+63.7	58.8	449.73	LT. 886+52.1	52.2	10
		449.44	LT. 886+43.6	47.0	10
		449.19	LT. 886+34.3	43.2	10
		448.99	LT. 886+24.7	40.4	10
		448.83	LT. 886+15.0	38.0	10
		448.71	LT. 886+05.3	35.8	10
		448.63	LT. 885+95.4	34.0	10
		448.58	LT. 885+85.5	32.6	10
		448.51	LT. 885+75.6	31.4	10
		448.42	LT. 885+65.6	30.6	10
		448.33	LT. 885+55.6	30.1	10
		448.25	LT. 885+46.4	30.0	9.3



STATIONING ALONG ILLINOIS 13 EB	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG JOHNSON ST	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET
RT. 882+98.0	30.1	447.05			10
RT. 883+07.9	31.1	447.03			10
RT. 883+17.5	34.0	446.85			10
RT. 883+26.2	38.8	446.65	LT. 9+46.3	34.9	10
RT. 883+33.9	45.2	446.45	LT. 9+40.0	27.1	10
RT. 883+40.1	53.0	446.23	LT. 9+32.4	20.7	10
		445.99	LT. 9+23.6	15.9	10
		445.75	LT. 9+14.1	13.0	10
		445.48	LT. 9+04.3	12.0	9.9



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	WILLIAMSON	288	124
	PLOT DATE = 5/11/2012	DATE -	REVISED -								CONTRACT NO. 78203		
ILLINOIS FED. AID PROJECT													



17.5008' L
453.4093

15.8416' LT
453.2447

15.6699' LT
453.2375

18.2637' LT
453.4006

6' LT
452.4830

2.3005' RT 453.2184	1.7947' RT 453.1767	1.2888' RT 453.1443	0.7830' RT 453.1121	0.2771' RT 453.0803	0.2287' RT 453.0370	0.7345' LT 452.9930	1.2404' LT 452.9551	1.7462' LT 452.9192	2.2621' LT 452.8438	2.7579' LT 452.7949	3.2638' LT 452.7436	3.7696' LT 452.6935	4.2749' LT 452.6463	4.7673' LT 452.6055	5.2415' LT 452.5678	5.6975' LT 452.5174
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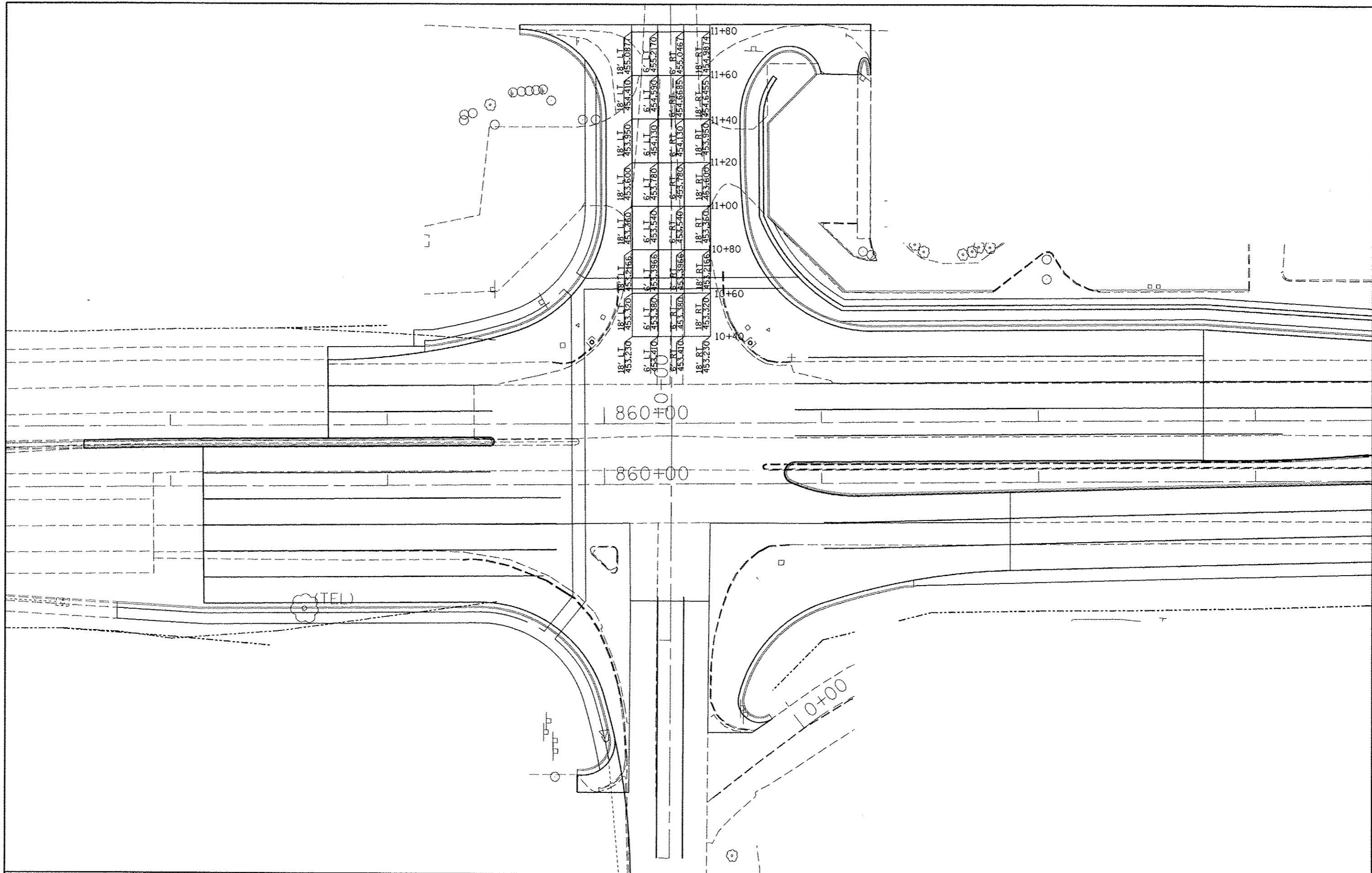
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PAVEMENT ELEVATIONS

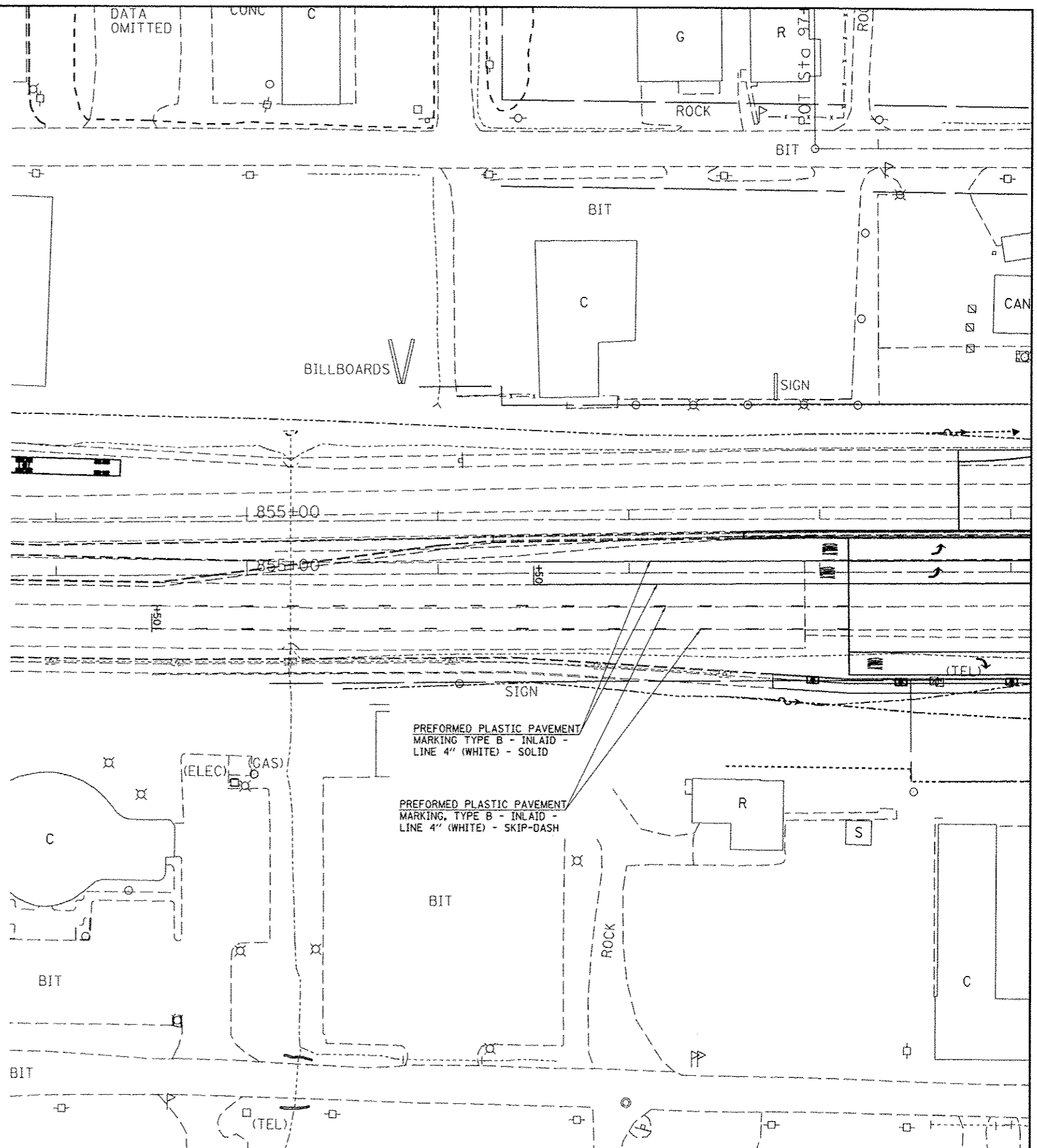
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	125
CONTRACT NO. 78203				

ILLINOIS FED. AID PROJECT



FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVEMENT ELEVATIONS NORTH RUSSELL STREET			F.A.P. RTE. :	SECTION :	COUNTY :	TOTAL SHEETS :	SHEET NO. :
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	PLOT DATE = 5/11/2012	DATE :	REVISED :		ILLINOIS FED. AID PROJECT							



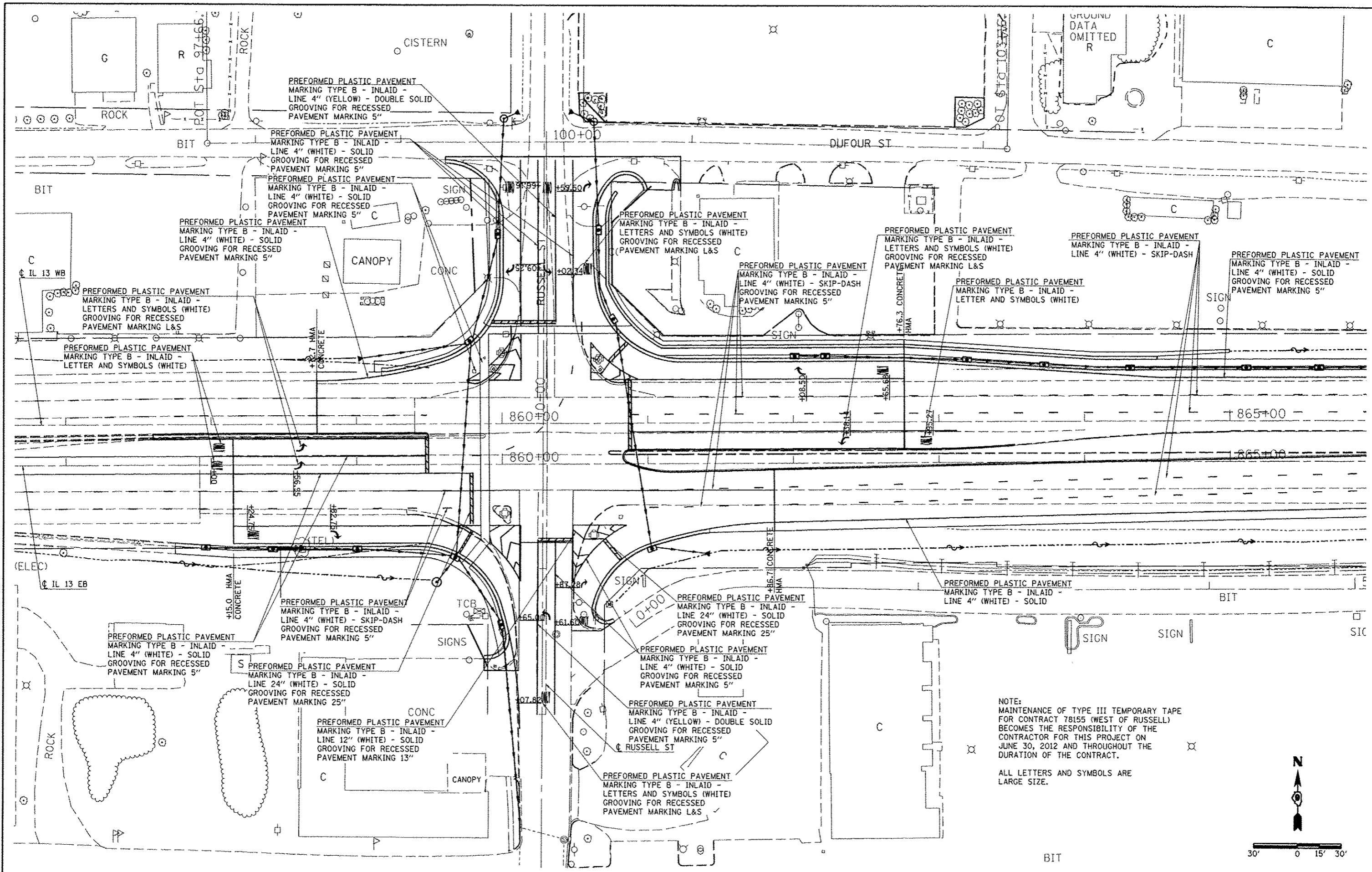
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PLOT DATE = 9/11/2012	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

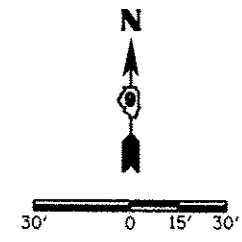
PAVEMENT MARKINGS			
SCALE: 1"=30'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1R-5,R5-3,N-5,TS-4	WILLIAMSON	288	127
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				



NOTE:
 MAINTENANCE OF TYPE III TEMPORARY TAPE
 FOR CONTRACT 78155 (WEST OF RUSSELL)
 BECOMES THE RESPONSIBILITY OF THE
 CONTRACTOR FOR THIS PROJECT ON
 JUNE 30, 2012 AND THROUGHOUT THE
 DURATION OF THE CONTRACT.

ALL LETTERS AND SYMBOLS ARE
 LARGE SIZE.



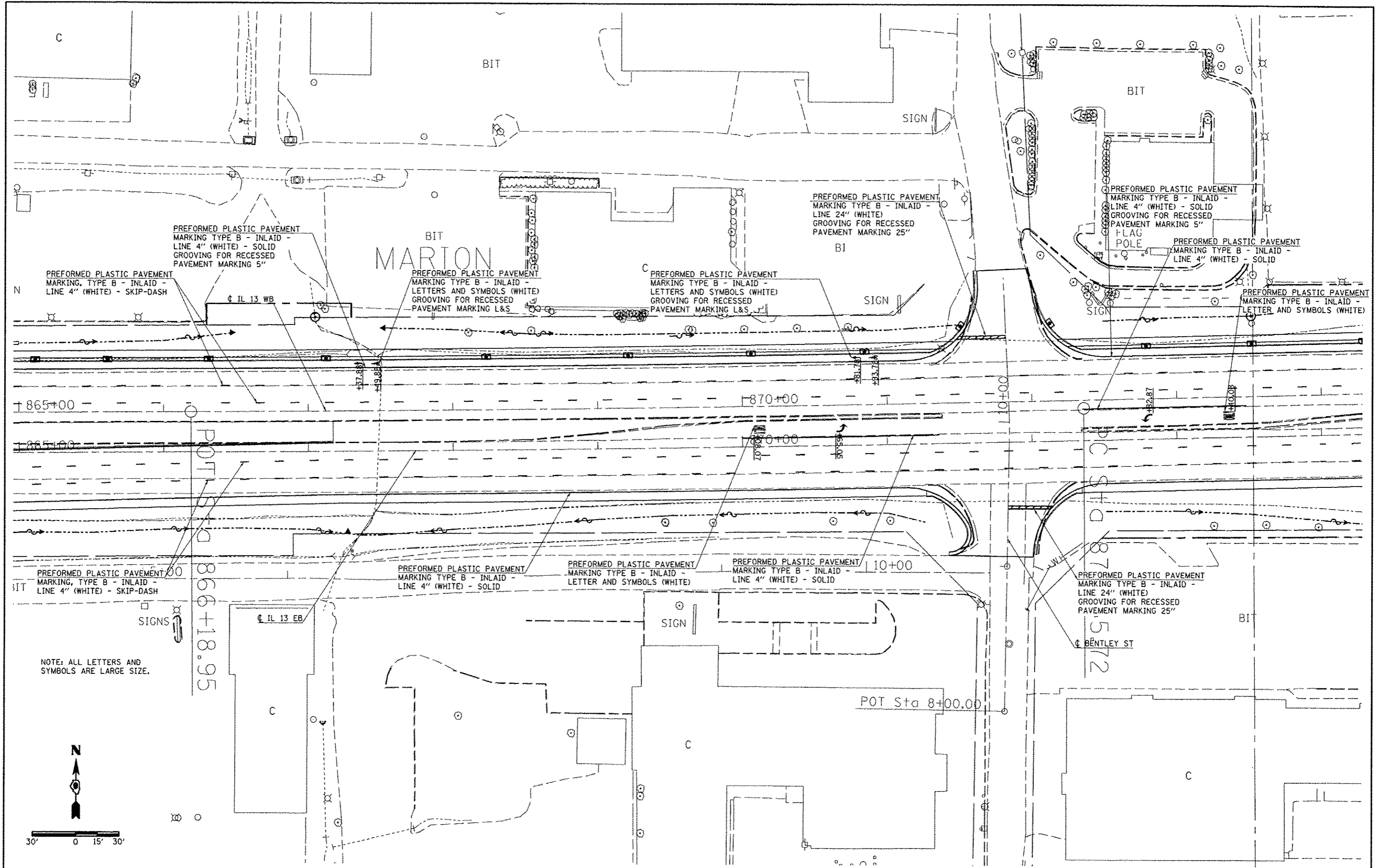
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PLOT DATE = 5/11/2012		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	1X-1R-5.RS-3.N-5.TS-4	WILLIAMSON	288	128
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.



NOTE: ALL LETTERS AND SYMBOLS ARE LARGE SIZE.



30' 0 15' 30'

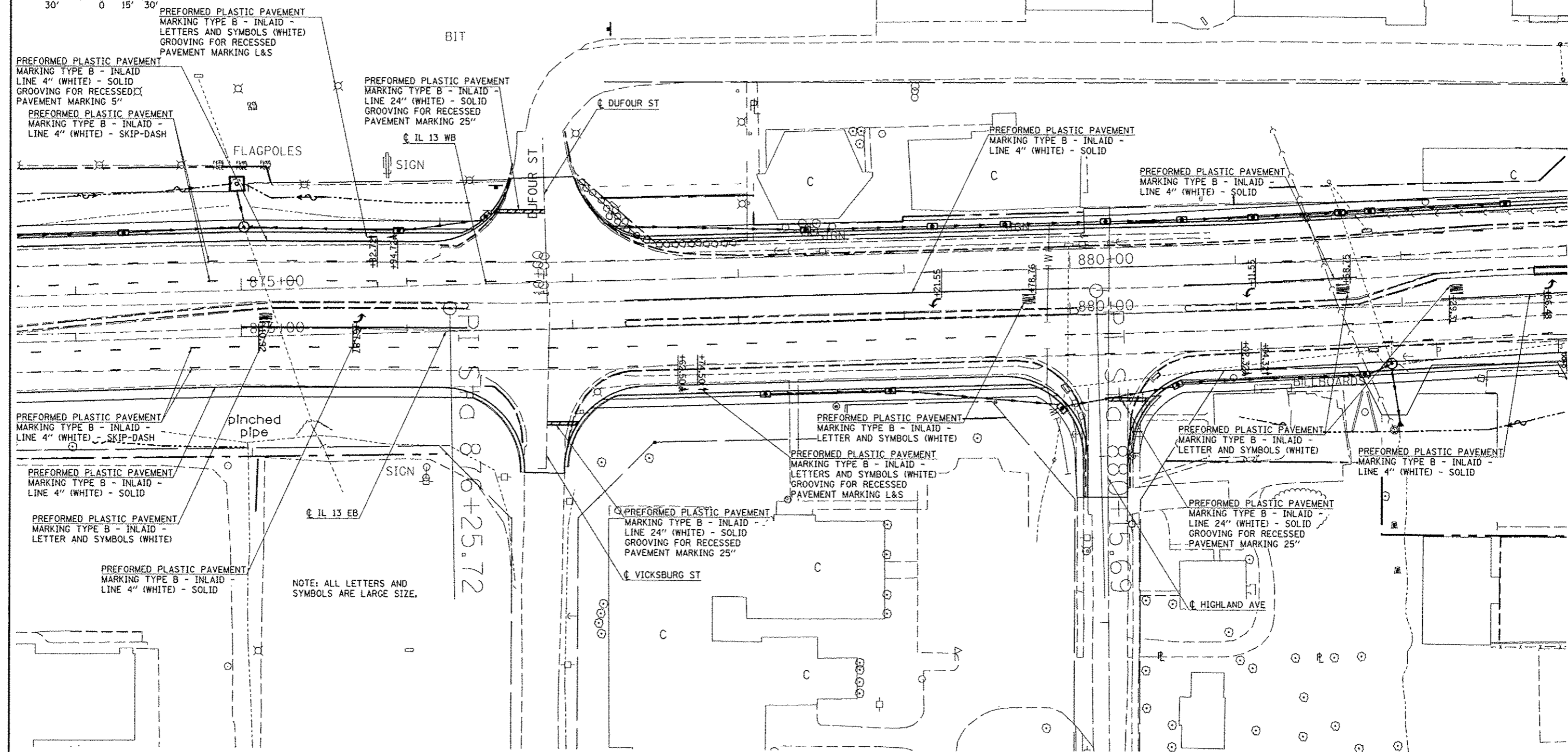
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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

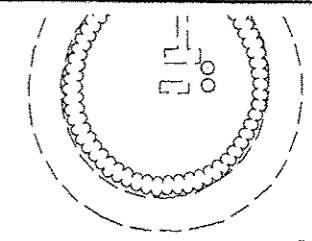
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS			
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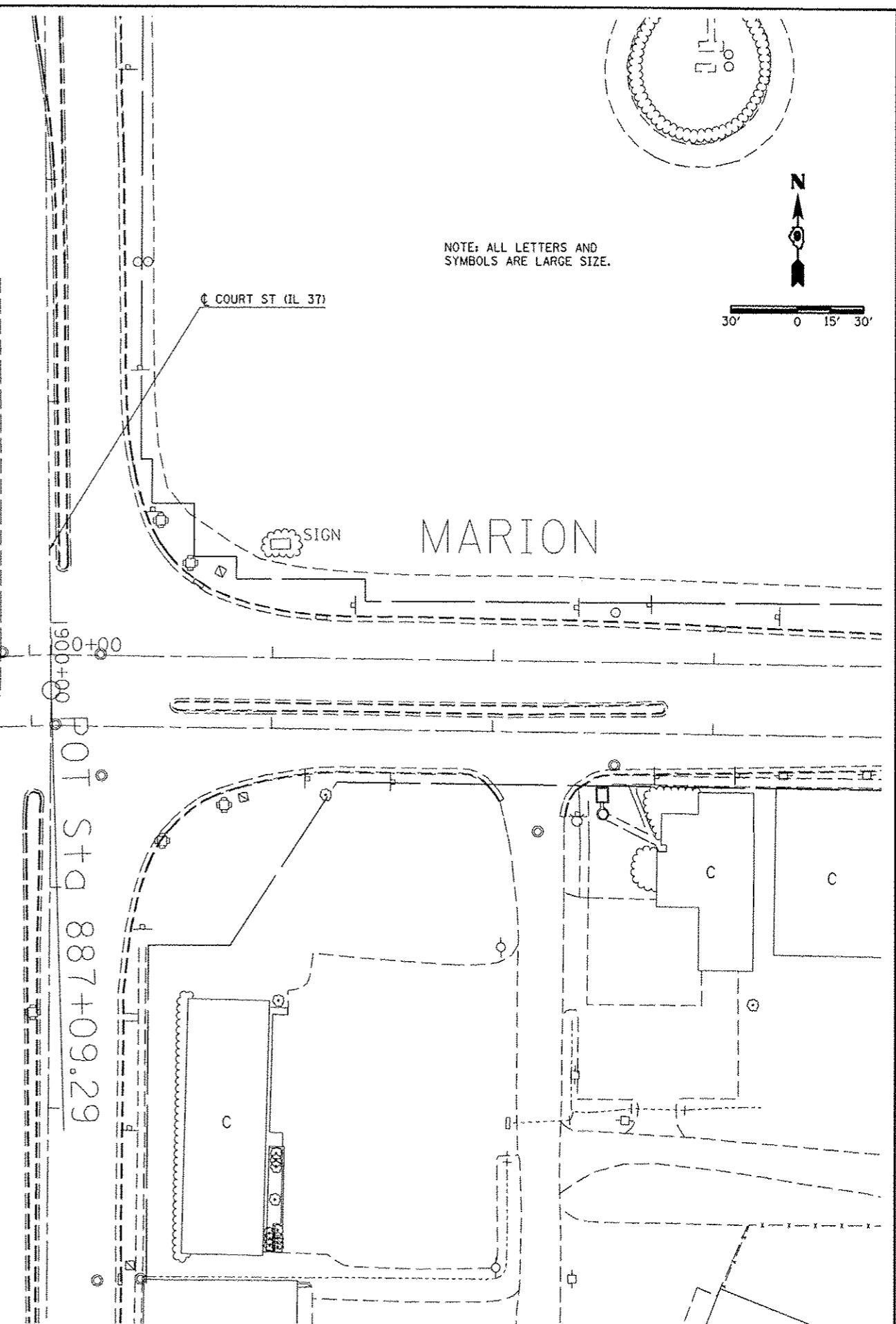
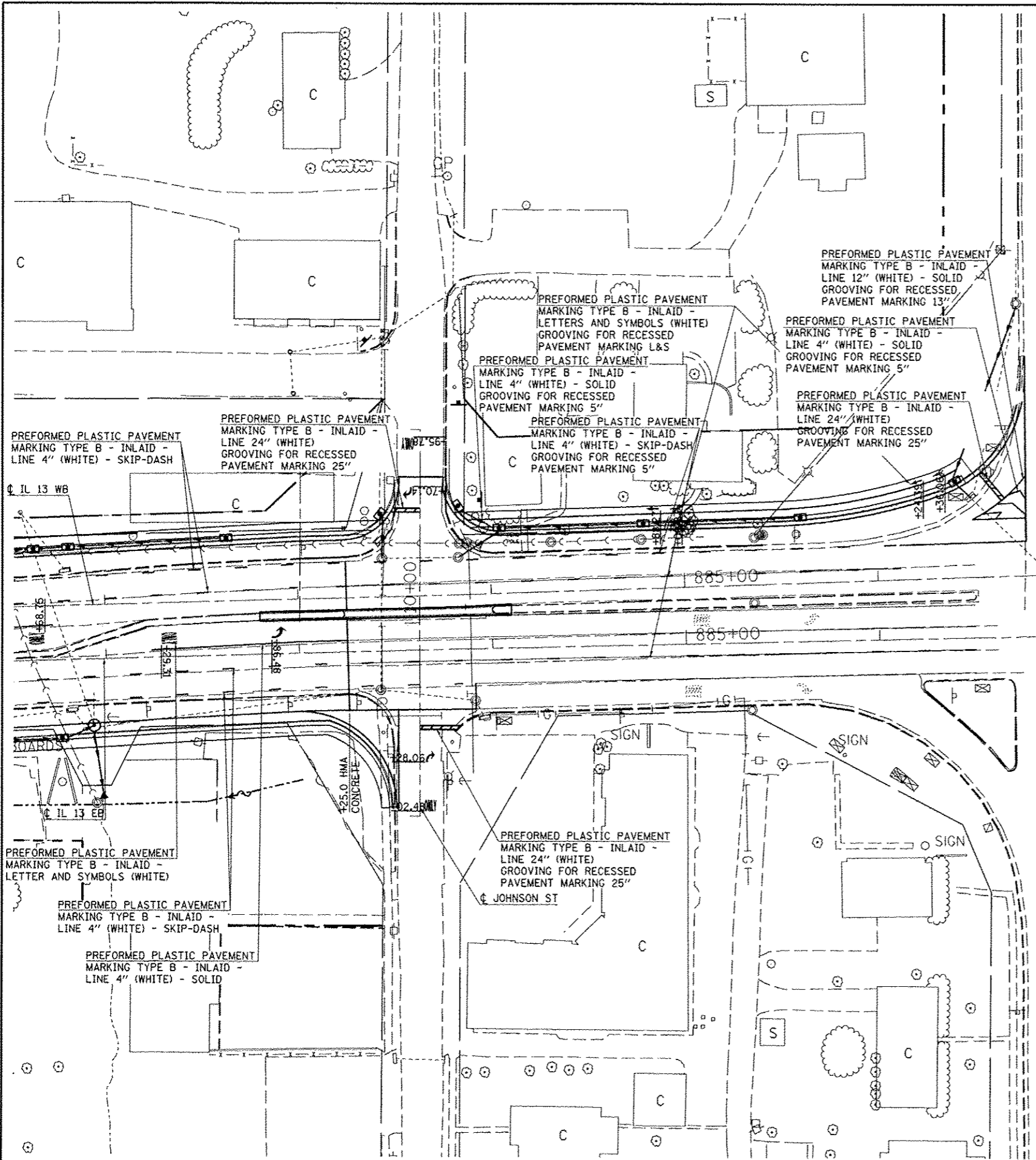
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	129
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				



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		CHECKED -	REVISED -												
		DATE -	REVISED -												
														CONTRACT NO. 78203	
														ILLINOIS FED. AID PROJECT	



NOTE: ALL LETTERS AND SYMBOLS ARE LARGE SIZE.



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PLOT DATE = 5/11/2012	






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CHECKED -	REVISED -
DATE -	REVISED -

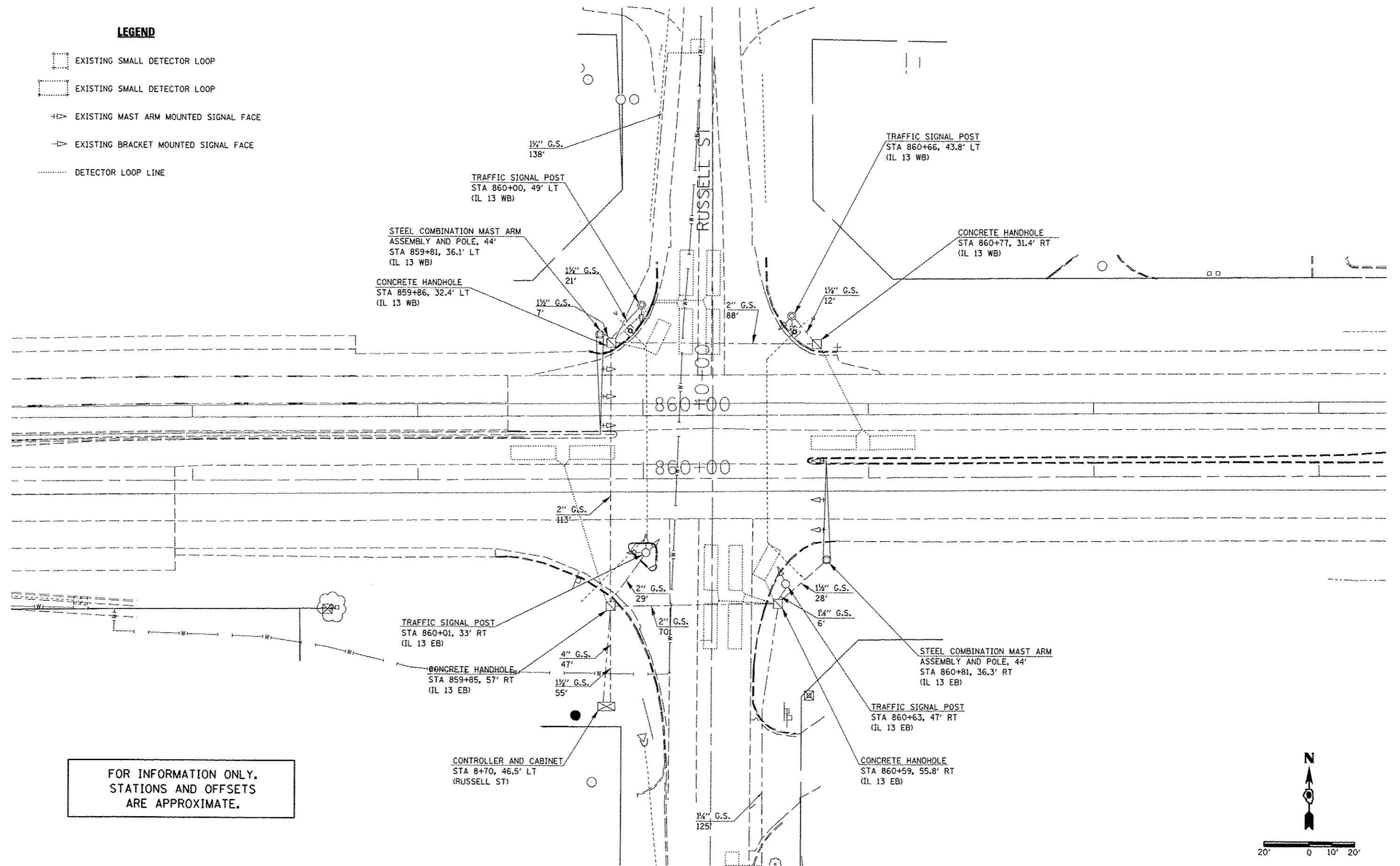
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS			
SCALE: 1"=30'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	131
CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				

LEGEND

-  EXISTING SMALL DETECTOR LOOP
-  EXISTING SMALL DETECTOR LOOP
-  EXISTING MAST ARM MOUNTED SIGNAL FACE
-  EXISTING BRACKET MOUNTED SIGNAL FACE
-  DETECTOR LOOP LINE



FOR INFORMATION ONLY.
STATIONS AND OFFSETS
ARE APPROXIMATE.

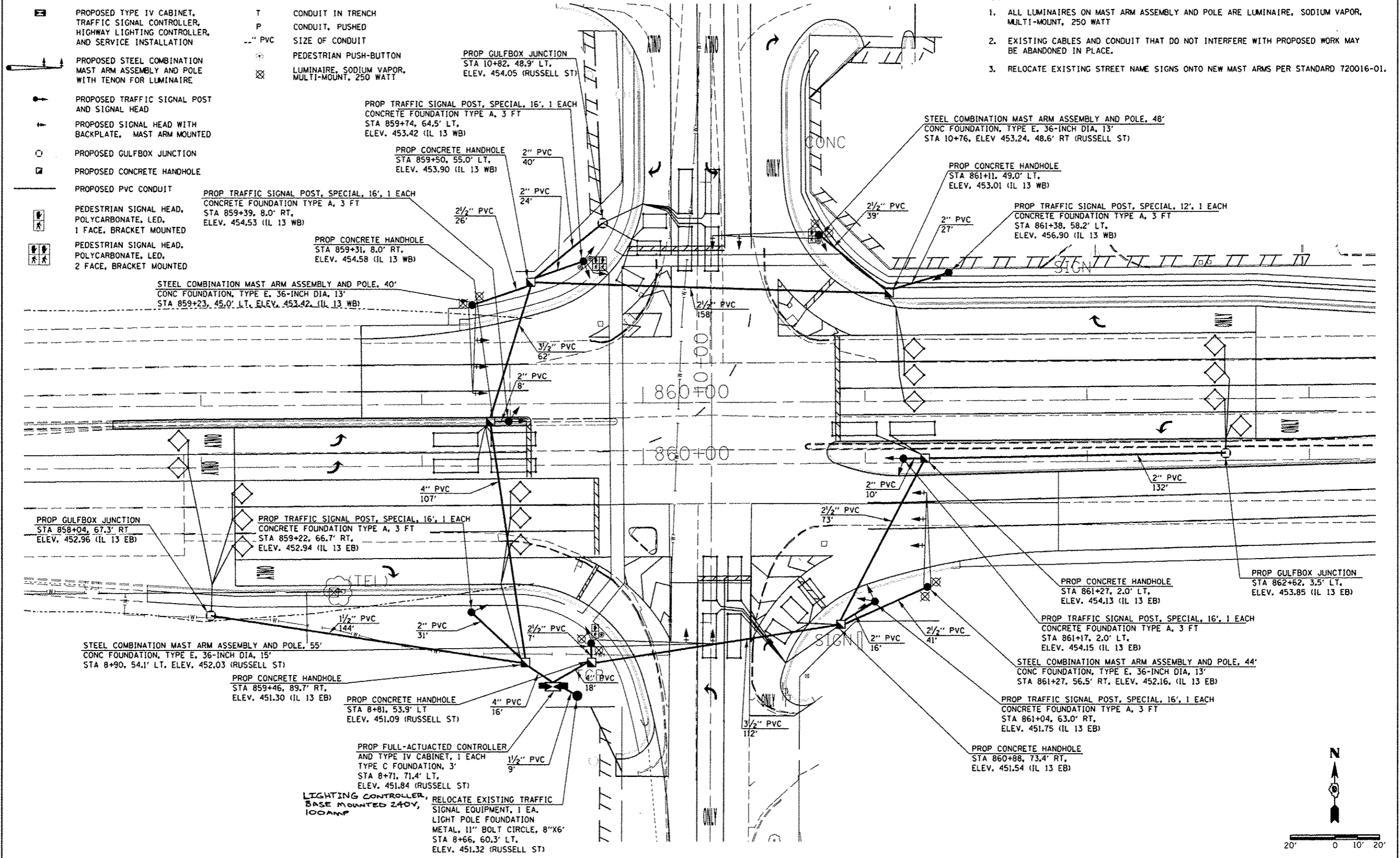
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c:\pwwork\pwwork\skelley\d0104451\7820	skelley	DRAWN -	REVISED -					331	(1X-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	132			
PLOT SCALE = 1/8" = 10'		CHECKED -	REVISED -					CONTRACT NO. 78203							
PLOT DATE = 5/11/2012		DATE -	REVISED -					ILLINOIS FED. AID PROJECT							
				SCALE:		SHEET NO. OF SHEETS STA. TO STA.									

LEGEND

- PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER, HIGHWAY LIGHTING CONTROLLER, AND SERVICE INSTALLATION
- PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TENON FOR LUMINAIRE
- PROPOSED TRAFFIC SIGNAL POST AND SIGNAL HEAD
- PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- PROPOSED GULFBOX JUNCTION
- PROPOSED CONCRETE HANDHOLE
- PROPOSED PVC CONDUIT
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, BRACKET MOUNTED
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, BRACKET MOUNTED
- T CONDUIT IN TRENCH
- P CONDUIT, PUSHED
- PVC SIZE OF CONDUIT
- PEDESTRIAN PUSH-BUTTON
- LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT

NOTES:

1. ALL LUMINAIRES ON MAST ARM ASSEMBLY AND POLE ARE LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT
2. EXISTING CABLES AND CONDUIT THAT DO NOT INTERFERE WITH PROPOSED WORK MAY BE ABANDONED IN PLACE.
3. RELOCATE EXISTING STREET NAME SIGNS ONTO NEW MAST ARMS PER STANDARD 720016-01.



20' 0 10' 20'

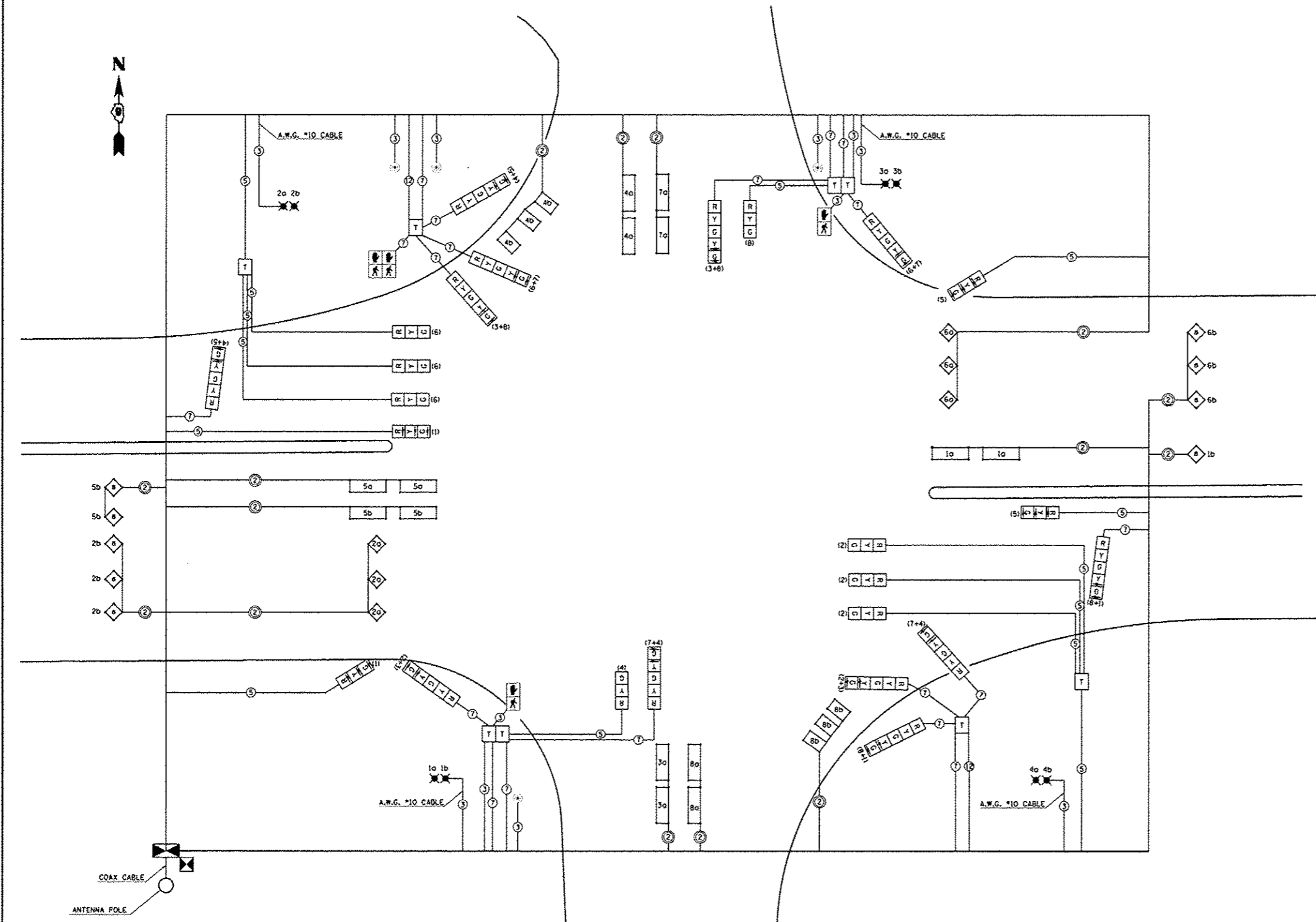
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	PLT SCALE = 48.8888 1/4" = 1'	CHECKED -	REVISED -			SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	
	PLT DATE = 5/11/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
CONTRACT NO. 78203											

NOTES

1. ALL CABLES SHALL BE A.W.G. #10 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
3. ELECTRIC CABLE DENOTED AS 3-1/0 NO. 10 BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
4. PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
5. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
6. ALL SIGNAL LENSES SHALL BE 12 INCHES.

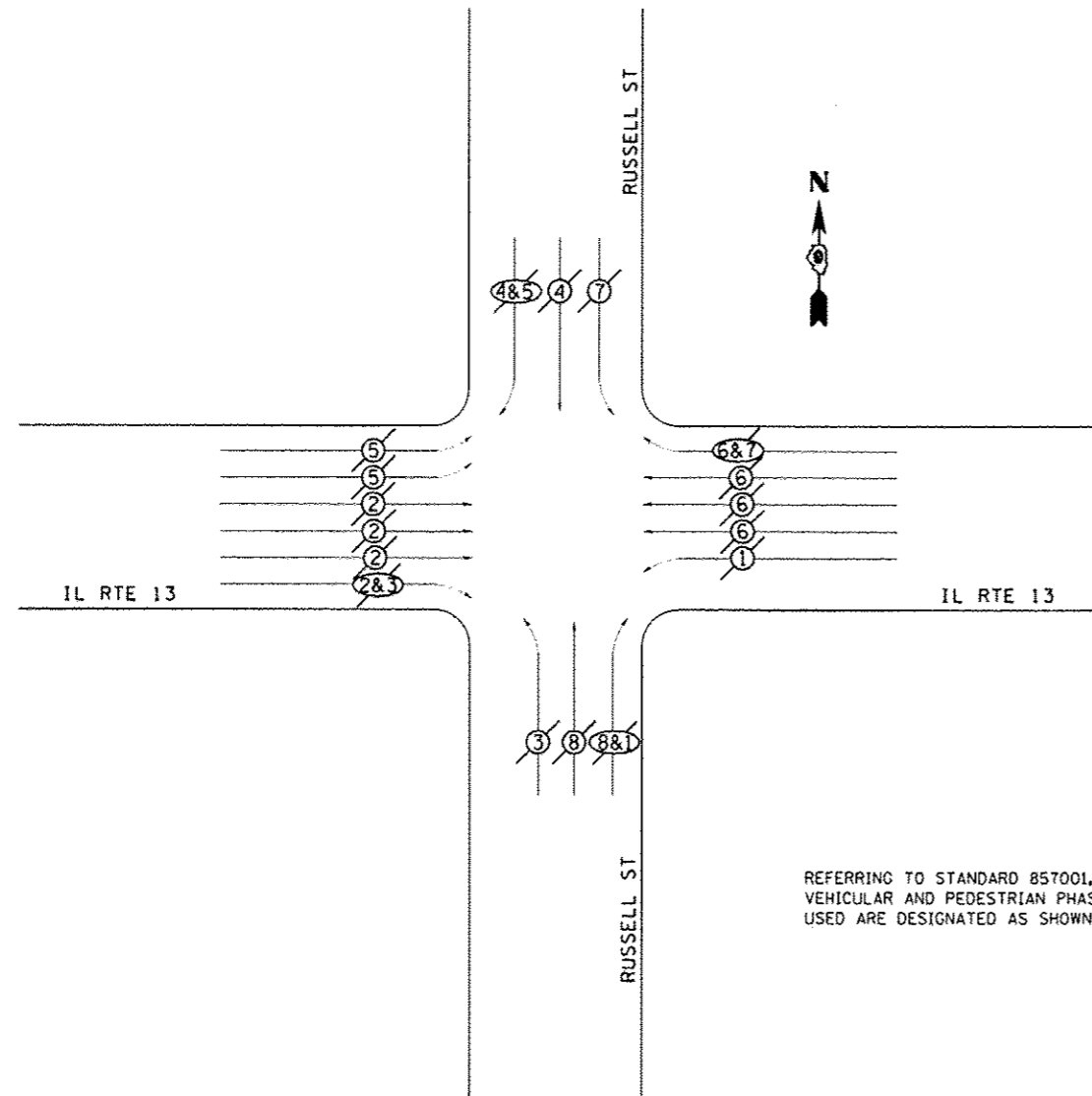
LEGEND

- TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS).
- TRAFFIC SIGNAL POST
- TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER, BASE MOUNTED, 240V, 100 AMP
- INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- (4) NUMBER IN PARENTHESIS INDICATES PHASE
- 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6' X 10' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 6' X 20' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.
- 5' X 5' LOOP WITH 2" CORE DRILLED CORNERS: NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, BRACKET MOUNTED
- PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, BRACKET MOUNTED
- PEDESTRIAN PUSH-BUTTON

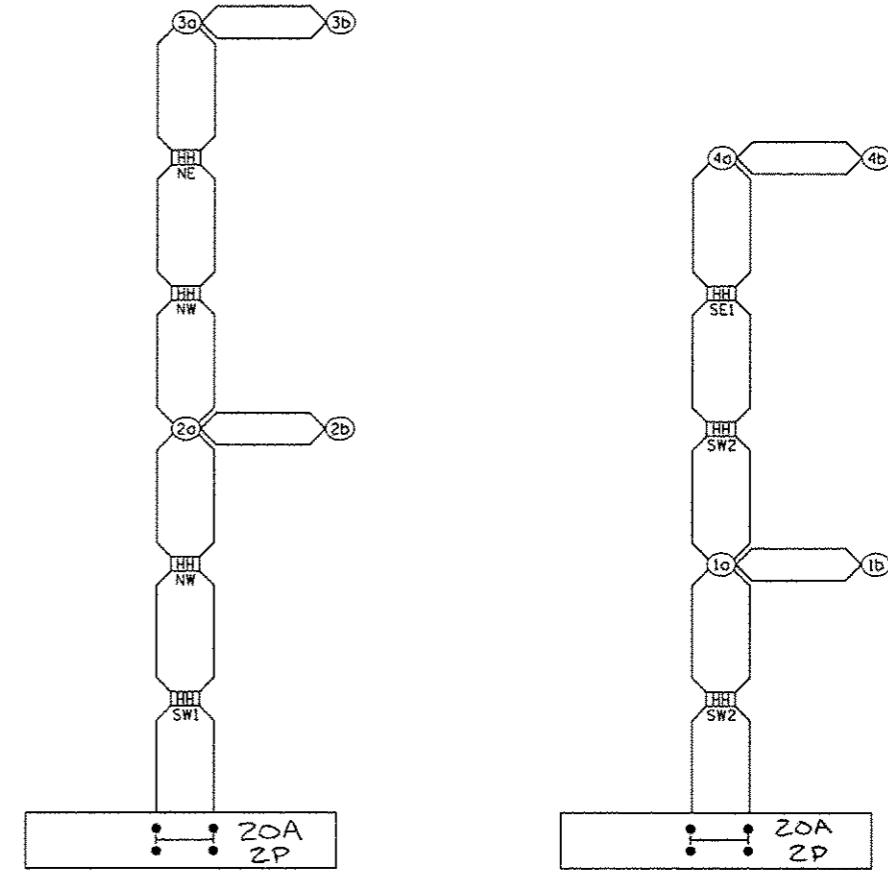


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PLOT DATE - 5/11/2012		DATE -	REVISED -		[ILLINOIS] FED. AID PROJECT							
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	

**PHASE DESIGNATION DIAGRAM
IL RTE 13 WITH RUSSELL ST**



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.



- SW1 SOUTHWEST CORNER
STA 859+46.50 89.7' RT (IL 13 EB)
- SW2 SOUTHWEST CORNER
STA 8+81 53.9' LT (RUSSELL ST)
- NW NORTHWEST CORNER
STA 859+50, 55.0' LT (IL 13 WB)
- NE NORTHEAST CORNER
STA 861+11 49' LT (IL 13 WB)
- SE1 SOUTHEAST CORNER
STA 860+88 73.4' RT (IL 13 EB)

PROPOSED CONTROL INSTALLATION
PHOTOCELL RELAY
20 AMP - 240 VOLT

LEGEND

- VEHICULAR MOVEMENT
- PEDESTRIAN MOVEMENT
- ◆ NUMBER REFERS TO ASSOCIATED PHASE





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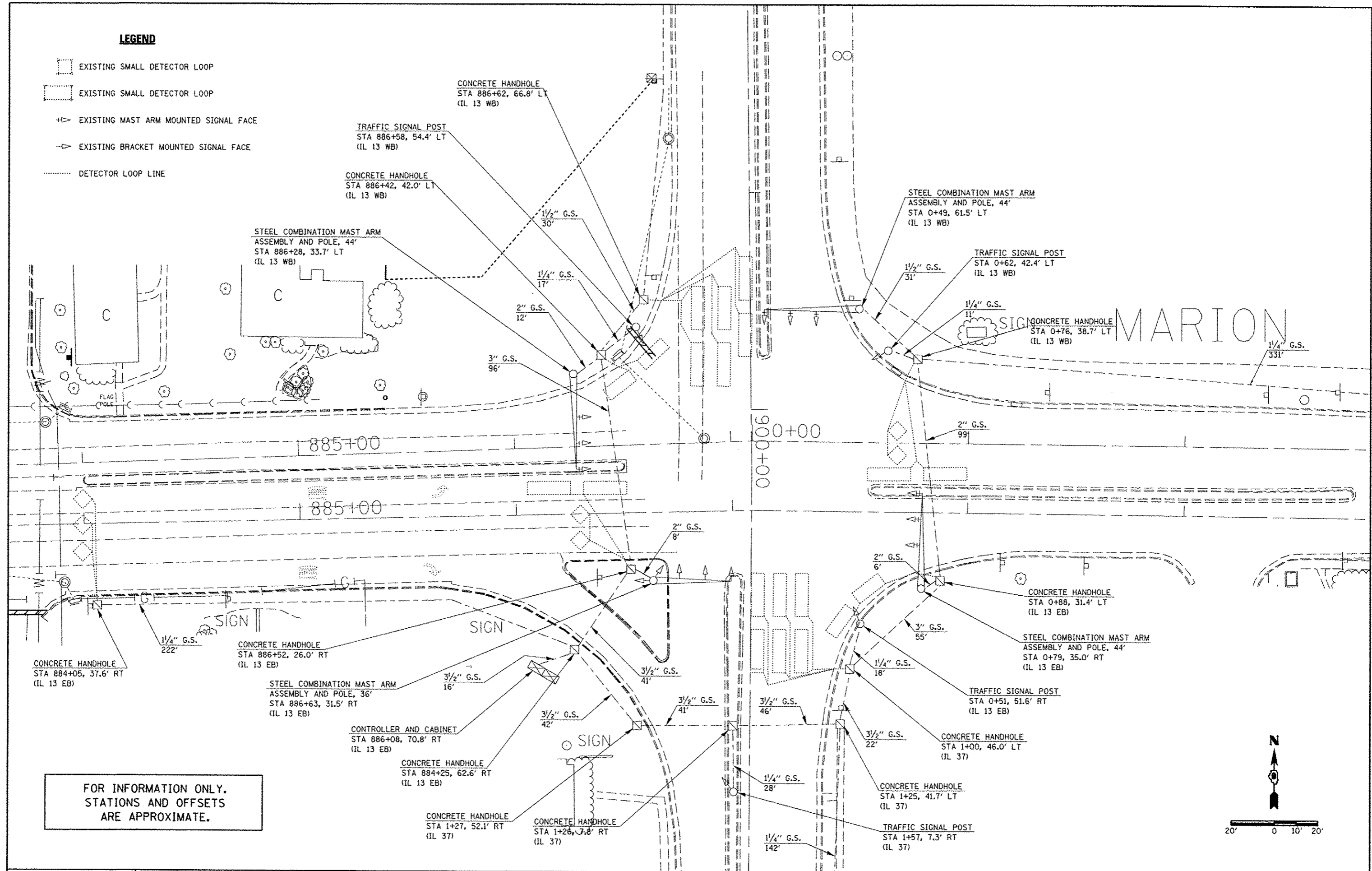
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PHASE DESIGNATION DIAGRAM - RUSSELL ST.		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		331	(1X-1JR-5,RS-3,N-5,TS-4	WILLIAMSON	288	135
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 78203	

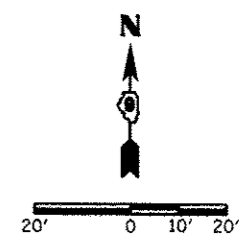
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1JR-5,RS-3,N-5,TS-4	WILLIAMSON	288	135
ILLINOIS FED. AID PROJECT				

LEGEND

-  EXISTING SMALL DETECTOR LOOP
-  EXISTING MAST ARM MOUNTED SIGNAL FACE
-  EXISTING BRACKET MOUNTED SIGNAL FACE
-  DETECTOR LOOP LINE



FOR INFORMATION ONLY.
STATIONS AND OFFSETS
ARE APPROXIMATE.



FILE NAME =	USER NAME = #USER4	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC SIGNALS IL 13 /IL 37	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 5/11/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

LEGEND

- PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER, HIGHWAY LIGHTING CONTROLLER, AND SERVICE INSTALLATION
- PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TENON FOR LUMINAIRE
- PROPOSED TRAFFIC SIGNAL POST AND SIGNAL HEAD
- PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- PROPOSED GULFBOX JUNCTION
- PROPOSED CONCRETE HANDHOLE
- PROPOSED PVC CONDUIT
- EXISTING CONDUIT
- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING SIGNAL HEAD
- EXISTING SIGNAL POST
- EXISTING LIGHT POLE AND LUMINAIRE
- CONDUIT IN TRENCH
- CONDUIT, PUSHED
- PVC SIZE OF CONDUIT
- LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT

REMOVE AND REINSTALL NEW CABLE IN EXISTING CONDUIT FOR SB ADV. LOOPS. INSTALL EXISTING CONDUIT IN NEW HANDHOLE. (NEW HANDHOLE INLINE WITH EXISTING CONDUIT.)

PROP CONCRETE HANDHOLE
STA 886+61, ELEV 450.91
67.3' LT (IL 13 WB)

PROP TRAFFIC SIGNAL POST, 16', 1 EACH
CONCRETE FOUNDATION TYPE A, 3 FT
STA 886+50, 66.3' LT,
ELEV 451.42 (IL 13 WB)

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55'
CONC FOUNDATION, TYPE E, 36-INCH DIA, 15'
STA 886+14, ELEV 449.58, 53.6' LT (IL 13 WB)

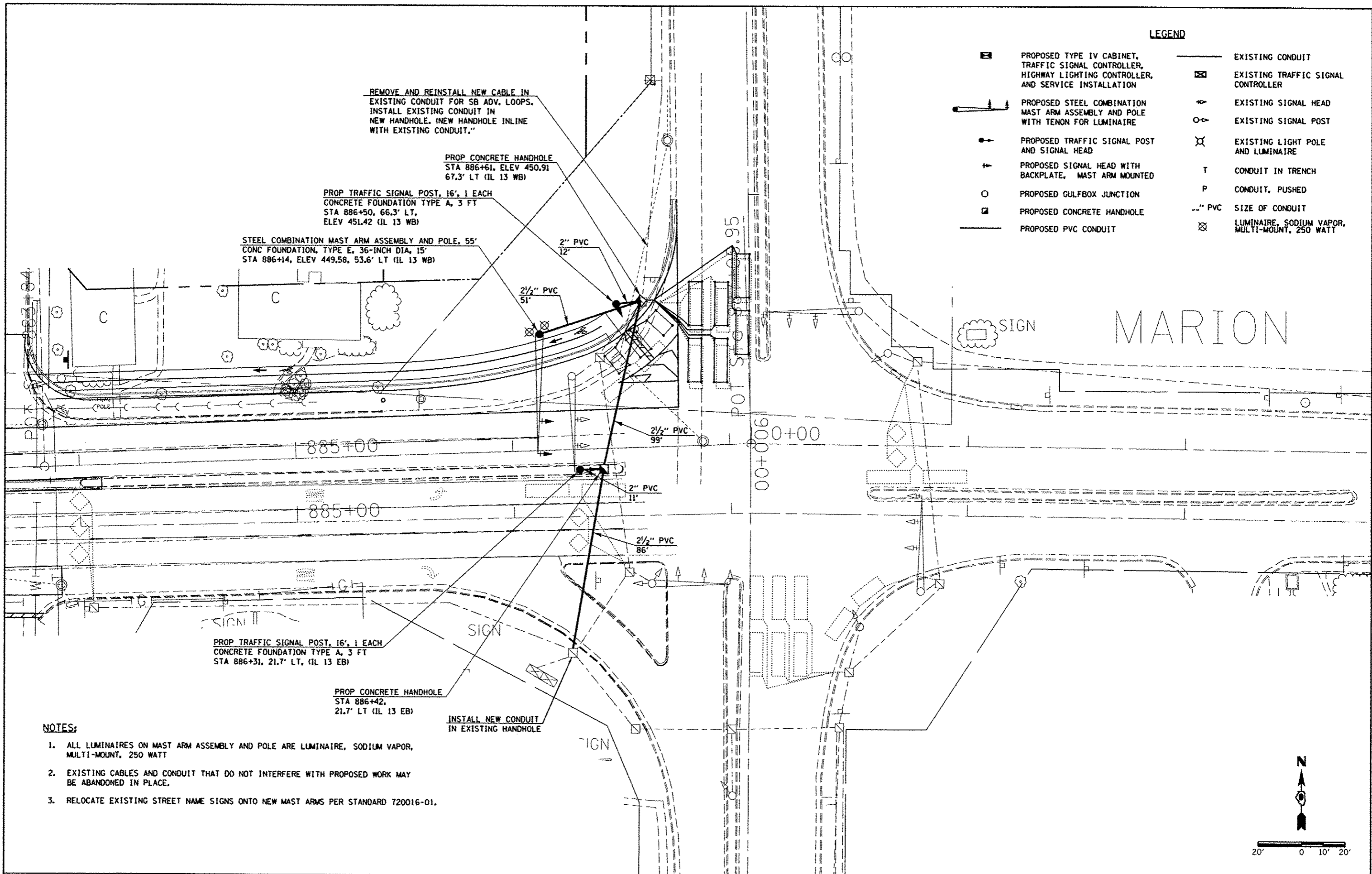
PROP TRAFFIC SIGNAL POST, 16', 1 EACH
CONCRETE FOUNDATION TYPE A, 3 FT
STA 886+31, 21.7' LT, (IL 13 EB)

PROP CONCRETE HANDHOLE
STA 886+42,
21.7' LT (IL 13 EB)

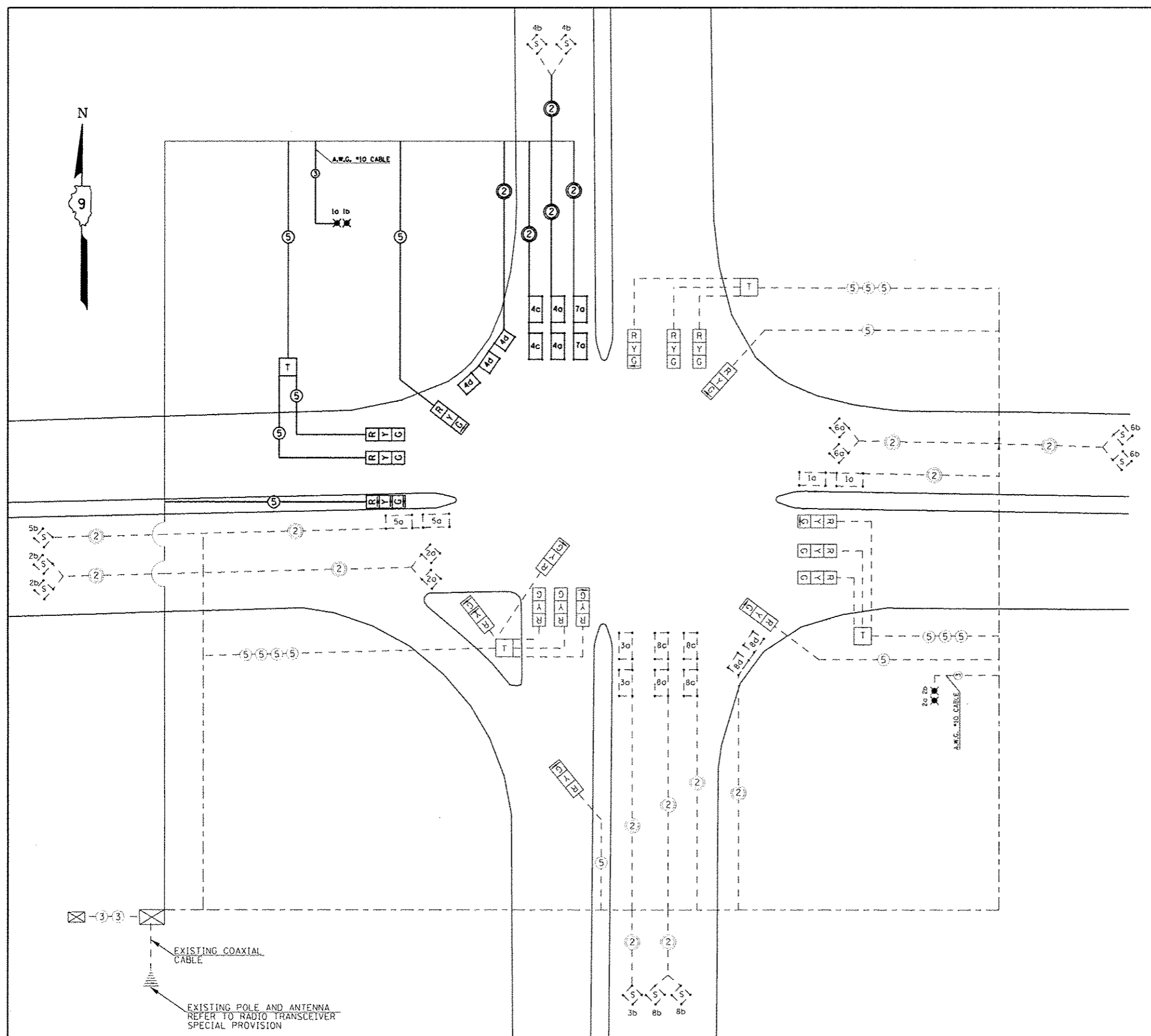
INSTALL NEW CONDUIT
IN EXISTING HANDHOLE

NOTES:

1. ALL LUMINAIRES ON MAST ARM ASSEMBLY AND POLE ARE LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT
2. EXISTING CABLES AND CONDUIT THAT DO NOT INTERFERE WITH PROPOSED WORK MAY BE ABANDONED IN PLACE.
3. RELOCATE EXISTING STREET NAME SIGNS ONTO NEW MAST ARMS PER STANDARD 720016-01.



FILE NAME :	USER NAME : #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNALS AND LIGHTING - IL 13 /IL 37	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\skelley\d0810445\17820	draht-tsig.dgn	DRAWN -	REVISED -			331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	137	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78203					
	PLOT DATE = 5/11/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES

1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
2. ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
3. ELECTRIC CABLE DENOTED AS 3-1/2 NO.10 BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPliced IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
4. PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
5. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
6. ALL SIGNAL LENSES SHALL BE 12 INCHES.

LEGEND

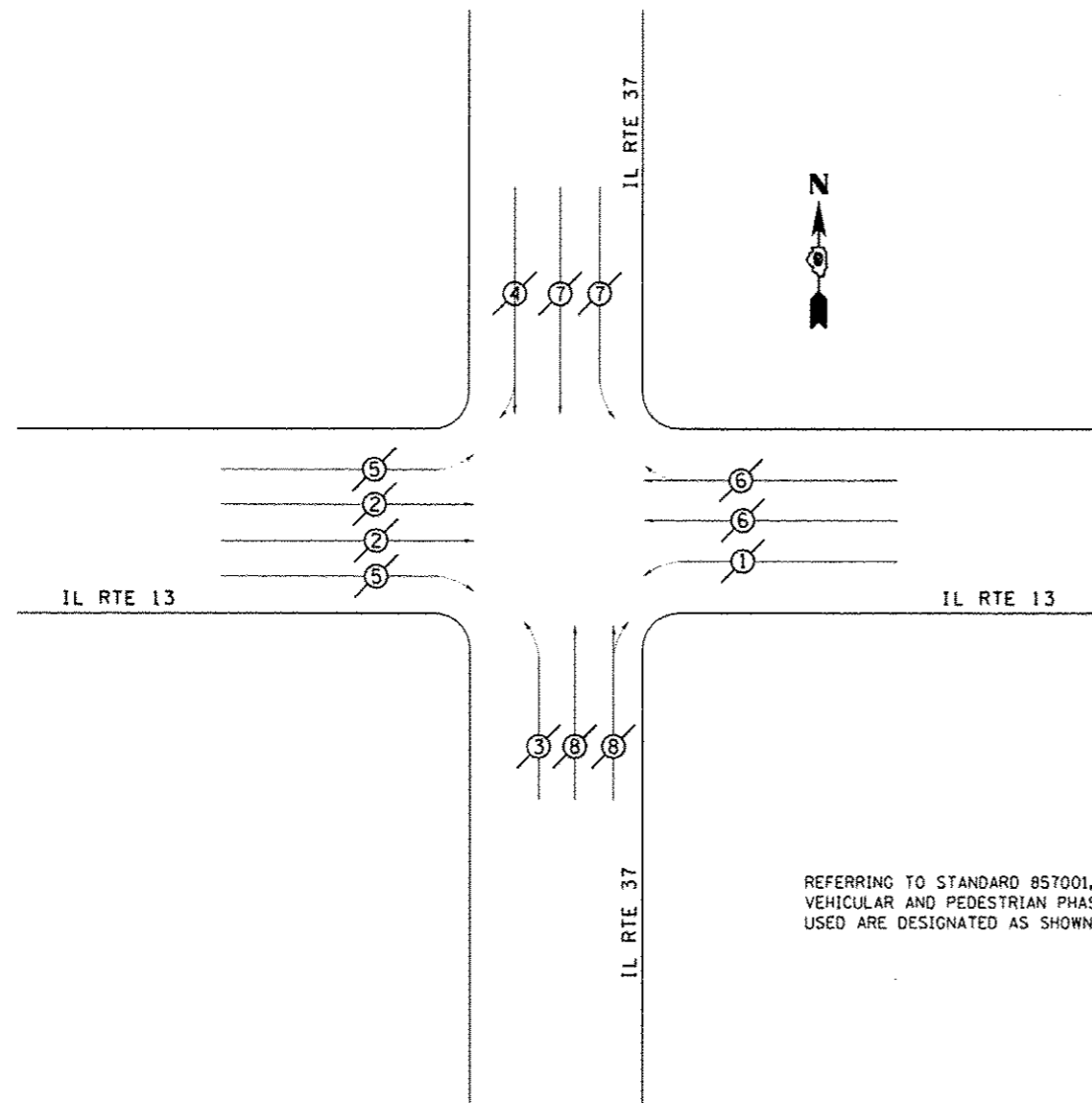
- EXISTING CONDUIT
- - - EXISTING CABLE
- PROPOSED CABLE
- 5a INDICATES 20' X 6' LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- 5b INDICATES 12' X 6' LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- 6a INDICATES EXISTING 5'x5' LOOP WITH 2" CORE DRILLED CORNERS; NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER, "S" INDICATES SYSTEM LOOP.
- 2 INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT.
- 5 NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE.
- ⊗ EXISTING LIGHTING CONTROLLER
- T INDICATES EXISTING TERMINAL BLOCK IN MAST ARM POLE
- ⊗ 30 30 TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- G 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.

EXISTING COAXIAL CABLE

EXISTING POLE AND ANTENNA REFER TO RADIO TRANSCIVER SPECIAL PROVISION

FILE NAME : c:\pwwork\pwwork\kelliekd\010445\178203	USER NAME : #USER# 1-101-1010.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNALS CABLE DIAGRAM - IL 13 /IL 37				F.A. RTE. 331	SECTION (IX-11R-5,R5-3,N-5,TS-4	COUNTY WILLIAMSON	TOTAL SHEETS 298	SHEET NO. 138
PLOT SCALE : 40:0200' / in.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 78203			
PLOT DATE : 5/11/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

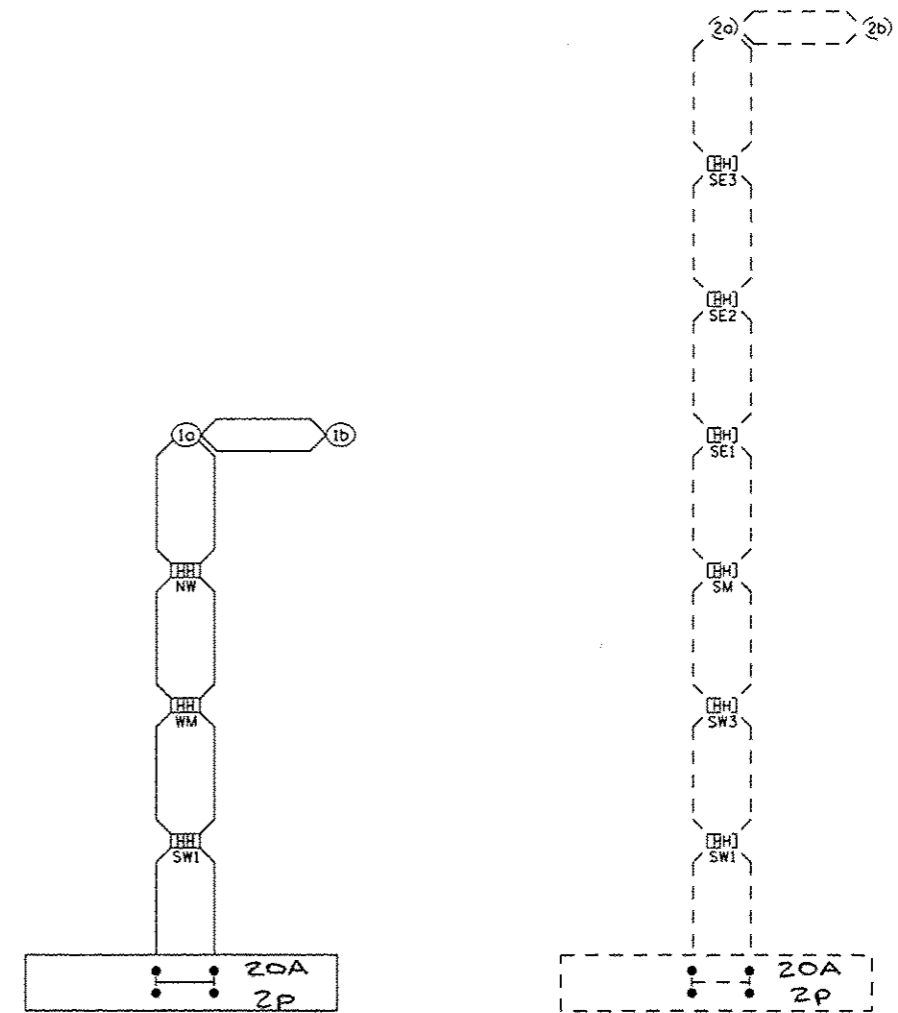
**PHASE DESIGNATION DIAGRAM
IL RTE 13 WITH IL RTE 37**



REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

LEGEND

- VEHICULAR MOVEMENT
- PEDESTRIAN MOVEMENT
- NUMBER REFERS TO ASSOCIATED PHASE



- SW1 SOUTHWEST CORNER
STA 884+25 62.6' RT (IL 13 EB)
- SW2 SOUTHWEST CORNER
STA 886+52 26.0' RT (IL 13 EB)
- SW3 SOUTHWEST CORNER
STA 1+27 52.1' RT (IL 37)
- NW NORTHWEST CORNER
STA 886+61, 67.2' LT (IL 13 WB)
- SM SOUTH MEDIAN
STA 1+26, 7.8' RT (IL 37)
- SE1 SOUTHEAST CORNER
STA 1+25 41.7' LT (IL 37)
- SE2 SOUTHEAST CORNER
STA 1+00 46.0' LT (IL 37)
- SE3 SOUTHEAST CORNER
STA 0+88 31.4' LT (IL 13 EB)
- WM WEST MEDIAN
STA 886+42, 21.7' LT (IL 13 EB)

PROPOSED CONTROL INSTALLATION
PHOTOCELL RELAY
20 AMP - 240 VOLT

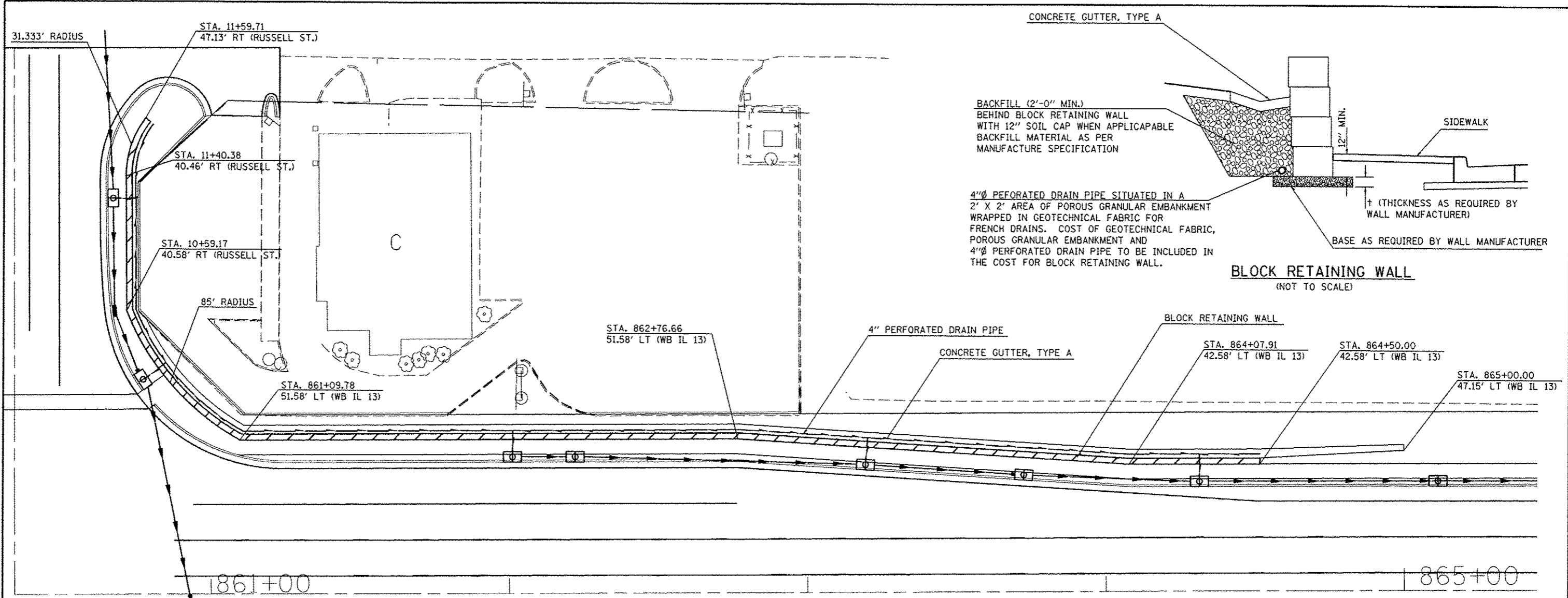
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		DRAWN	REVISED
		-	-
		CHECKED	REVISED
		-	-
		DATE	REVISED
		-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PHASE DESIGNATION
DIAGRAM - IL 37**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	139
CONTRACT NO. 78203			ILLINOIS FED. AID PROJECT	

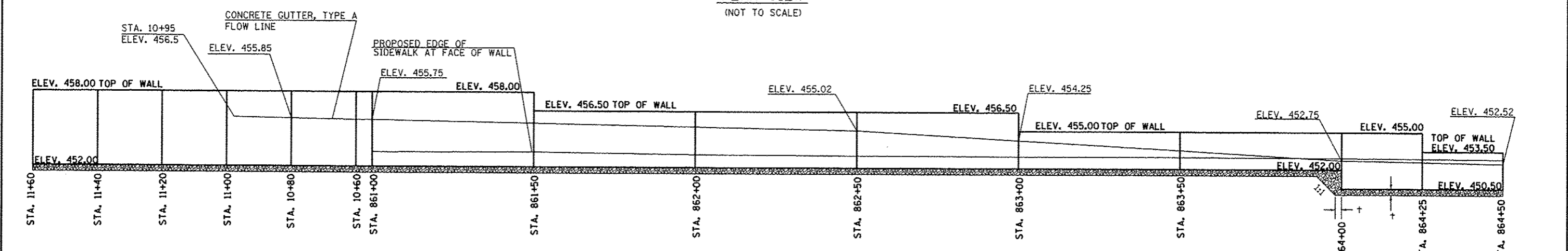


BACKFILL (2'-0" MIN.)
BEHIND BLOCK RETAINING WALL
WITH 12" SOIL CAP WHEN APPLICABLE
BACKFILL MATERIAL AS PER
MANUFACTURE SPECIFICATION

4"Ø PERFORATED DRAIN PIPE SITUATED IN A
2' X 2' AREA OF POROUS GRANULAR EMBANKMENT
WRAPPED IN GEOTECHNICAL FABRIC FOR
FRENCH DRAINS. COST OF GEOTECHNICAL FABRIC,
POROUS GRANULAR EMBANKMENT AND
4"Ø PERFORATED DRAIN PIPE TO BE INCLUDED IN
THE COST FOR BLOCK RETAINING WALL.

BLOCK RETAINING WALL
(NOT TO SCALE)

PLAN VIEW
(NOT TO SCALE)

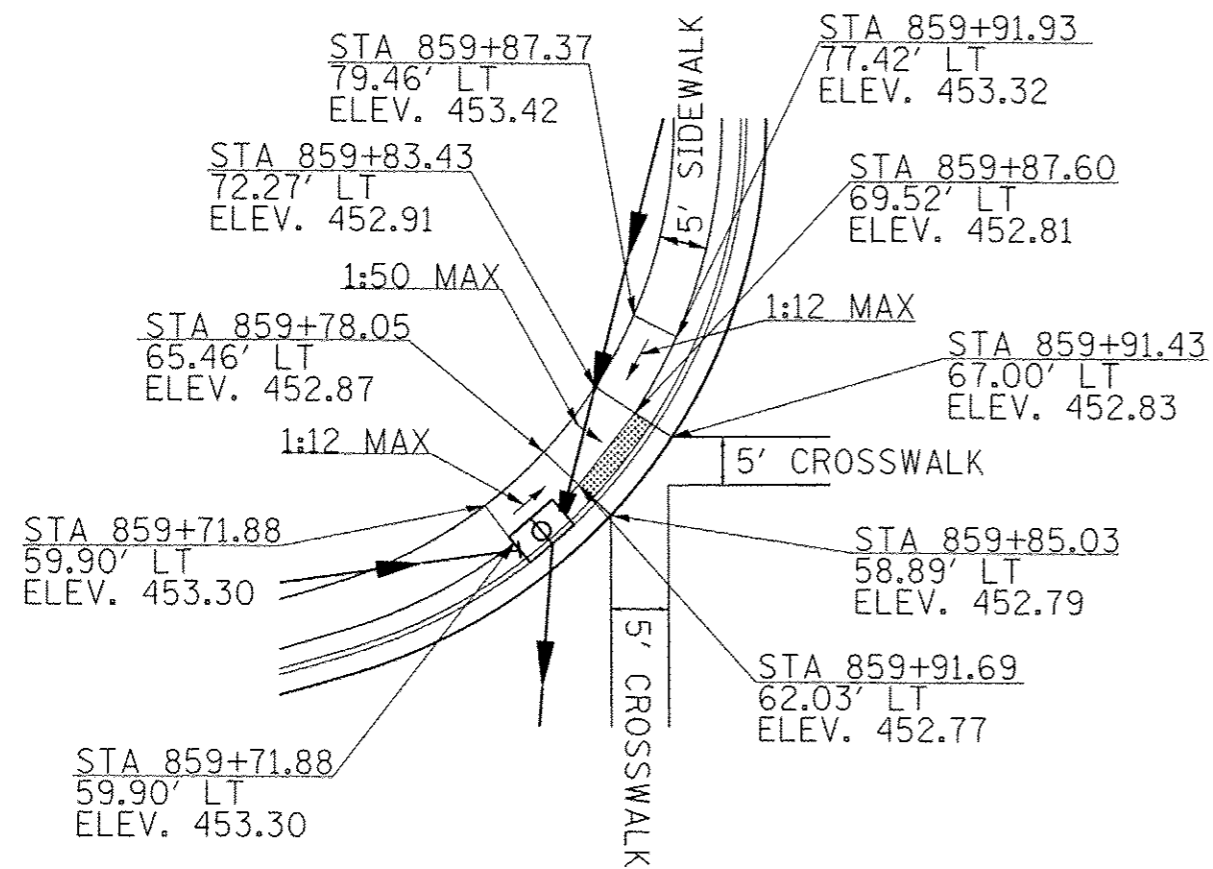


ELEVATION VIEW
(NOT TO SCALE)

- NOTES:
1. SINCE THE WALL WILL BE BATTERED, THE STATIONS SHOWN REFERENCE THE LOCATIONS AT THE BASE OF THE WALL AND THE ELEVATION AT THE TOP OF THE WALL.
 2. END UNITS SHALL HAVE FACE ON 2 SIDES.
 3. PERFORATED DRAIN PIPE SHALL BE CONNECTED TO INLETS TO DRAIN, SEE PLAN VIEW.
 4. SOIL REINFORCEMENT IS NOT REQUIRED AS PART OF THIS DESIGN.

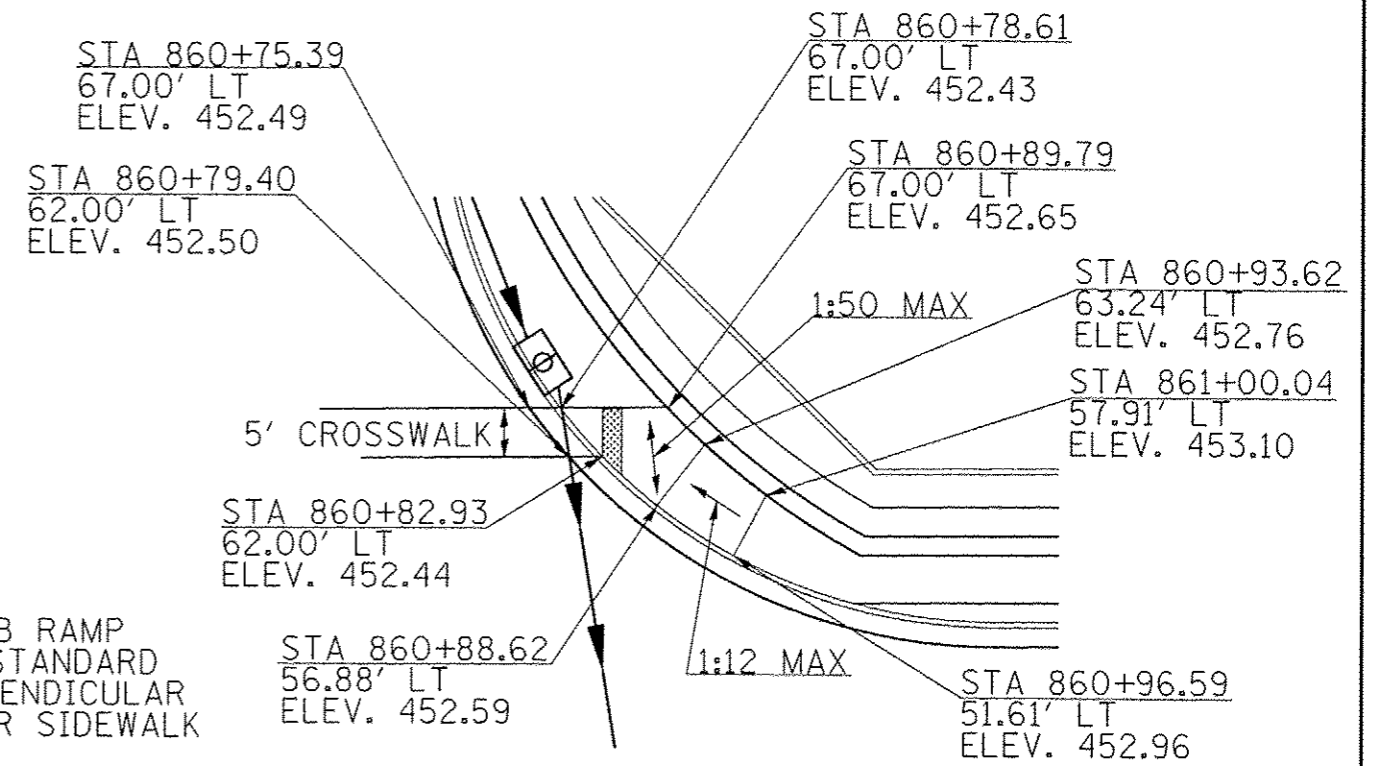
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o:\pwork\pwork\dot\kell\gk\d\0184491\78201-eh-t-ds.dgn		DRAWN -	REVISED -			331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	140	
PLOT SCALE = 48.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 78203					
PLOT DATE = 5/11/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

NORTHWEST QUADRANT OF RUSSELL



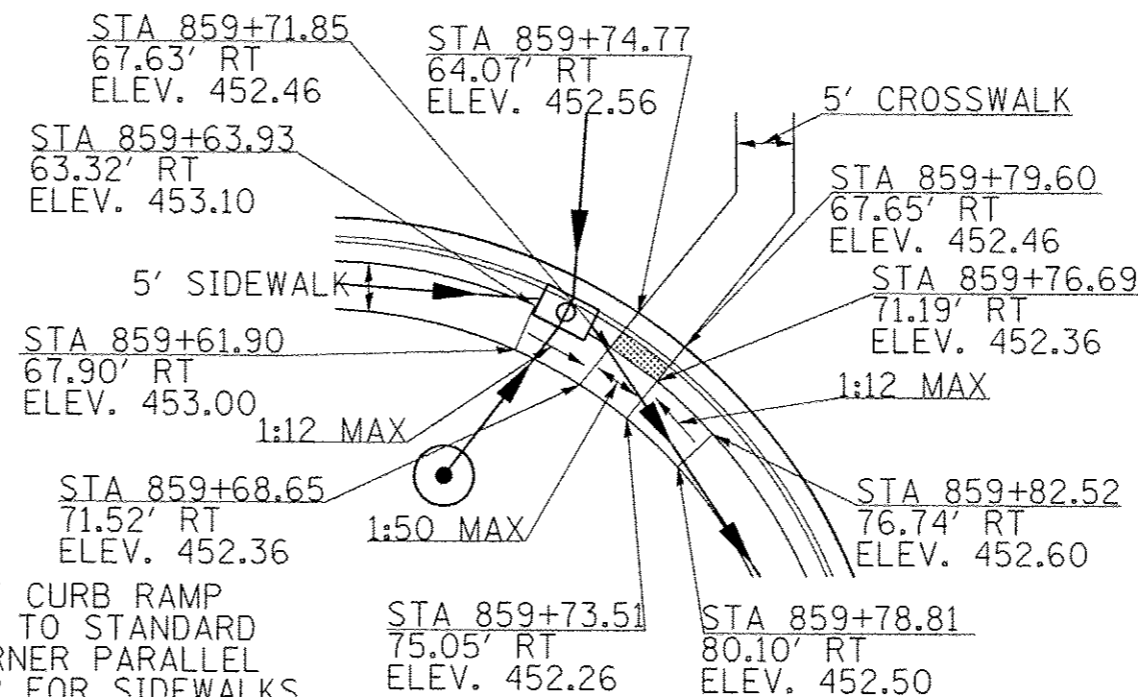
CONSTRUCT CURB RAMP
ACCORDING TO STANDARD
424011 CORNER PARALLEL
CURB RAMP FOR SIDEWALKS

NORTHEAST QUADRANT OF RUSSELL



CONSTRUCT CURB RAMP
ACCORDING TO STANDARD
424001-06 PERPENDICULAR
CURB RAMPS FOR SIDEWALK
AND DETAIL

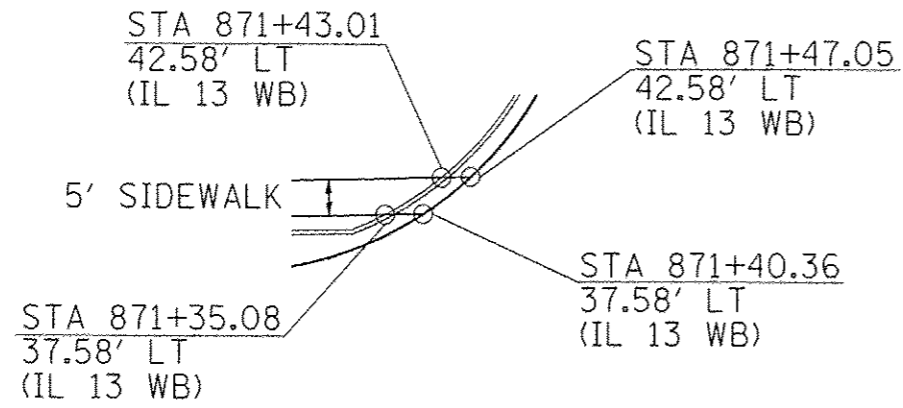
SOUTHWEST QUADRANT OF RUSSELL



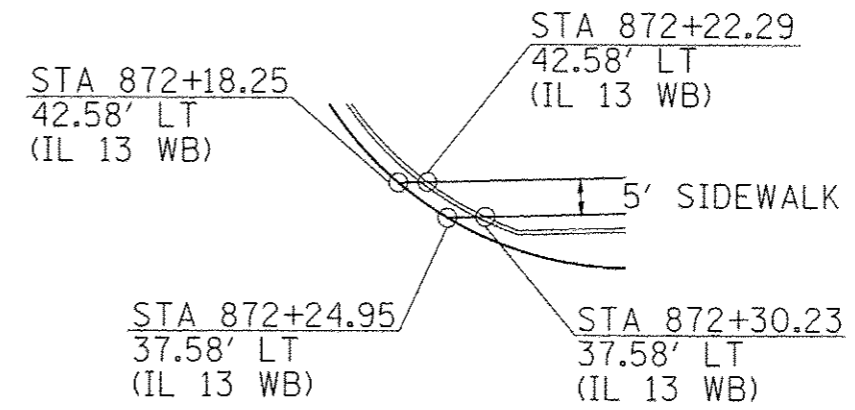
CONSTRUCT CURB RAMP
ACCORDING TO STANDARD
424011 CORNER PARALLEL
CURB RAMP FOR SIDEWALKS

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
z:\pwork\pwork\kellykd\0184451\78203\shd-conat.dgn		DRAWN -	REVISED -		331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	141			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 78203							
PLOT DATE = 5/11/2012		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

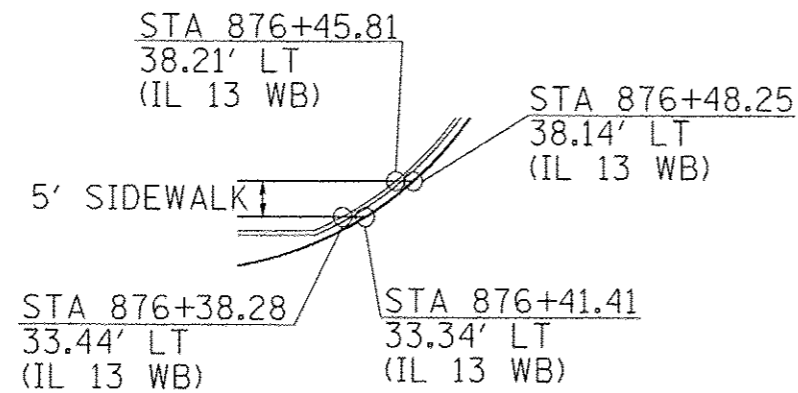
NORTHWEST QUADRANT OF BENTLEY ST.



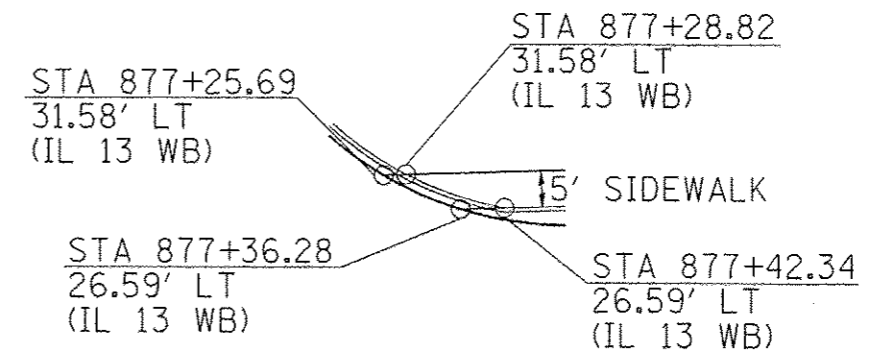
NORTHEAST QUADRANT OF BENTLEY ST.



NORTHWEST QUADRANT OF DUFOUR ST.

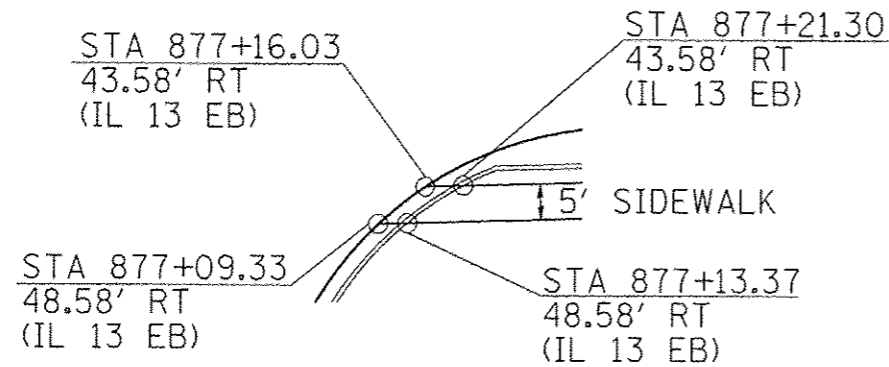


NORTHEAST QUADRANT OF DUFOUR ST.

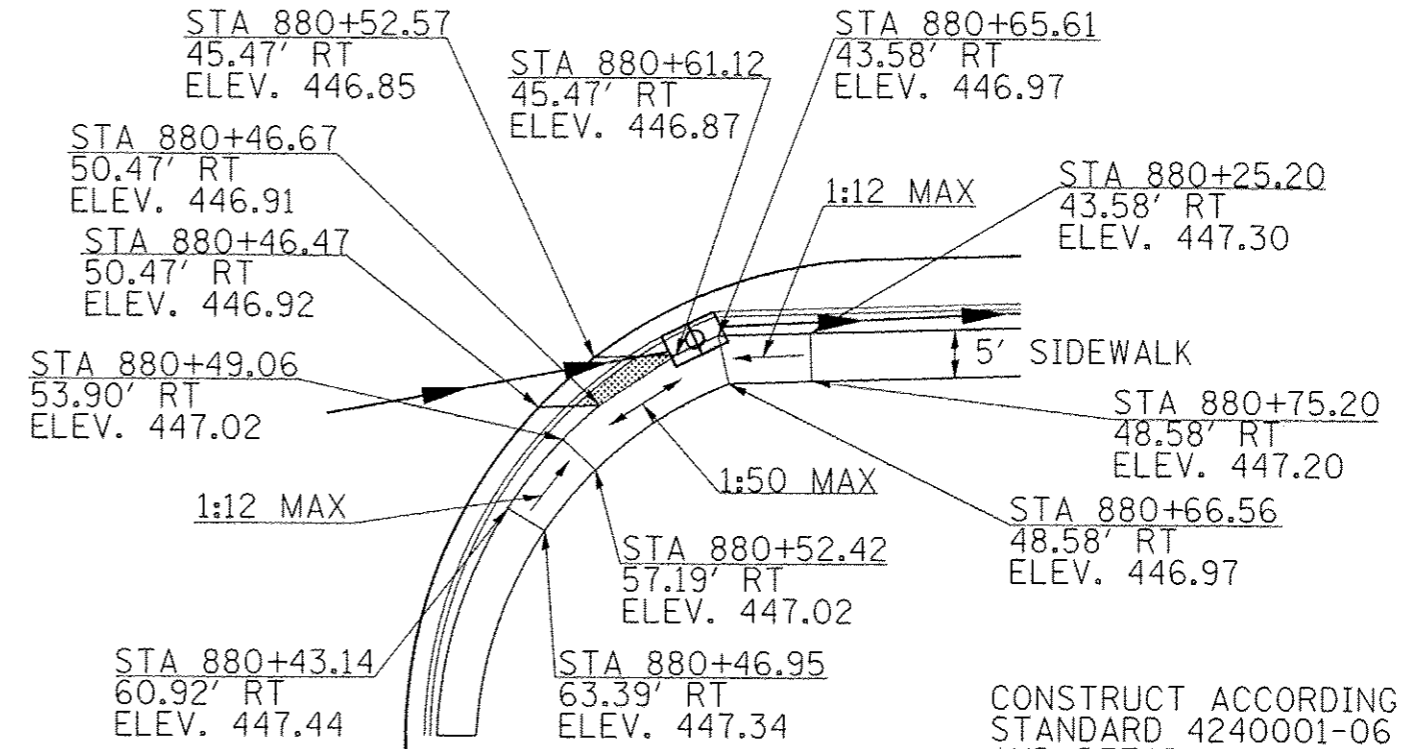


FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\p\dot\kell\hghd\20104451\78203\shs\const.dgn		DRAWN :	REVISED :					331	(IX-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	142
PLOT SCALE :		CHECKED :	REVISED :		CONTRACT NO. 78203							
PLOT DATE :		DATE :	REVISED :		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.					

SOUTHEAST QUADRANT OF VICKSBURG ST.

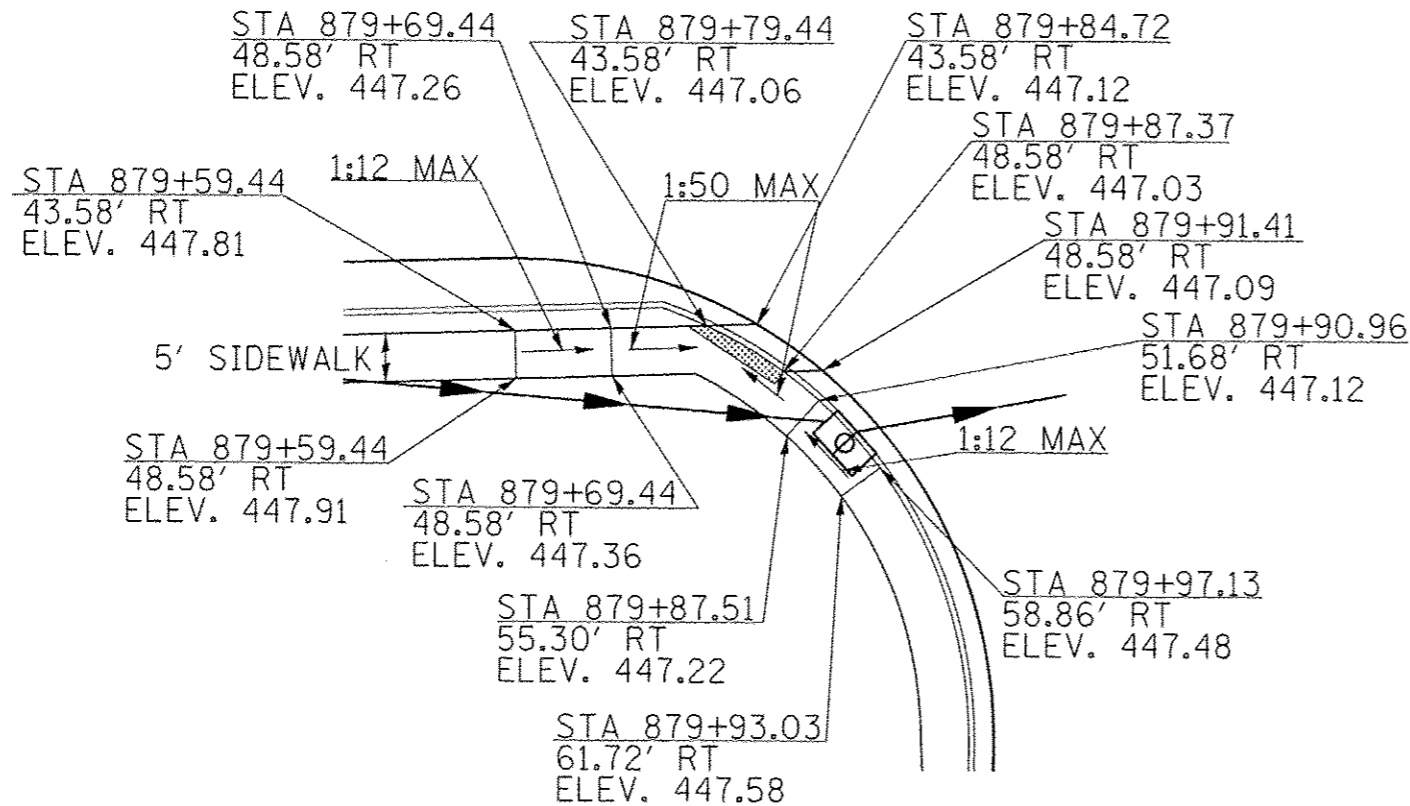


SOUTHEAST QUADRANT OF HIGHLAND



CONSTRUCT ACCORDING TO
STANDARD 4240001-06
AND DETAIL

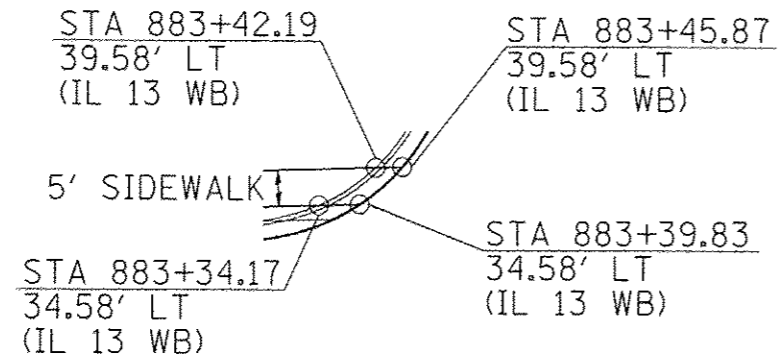
SOUTHWEST QUADRANT OF HIGHLAND



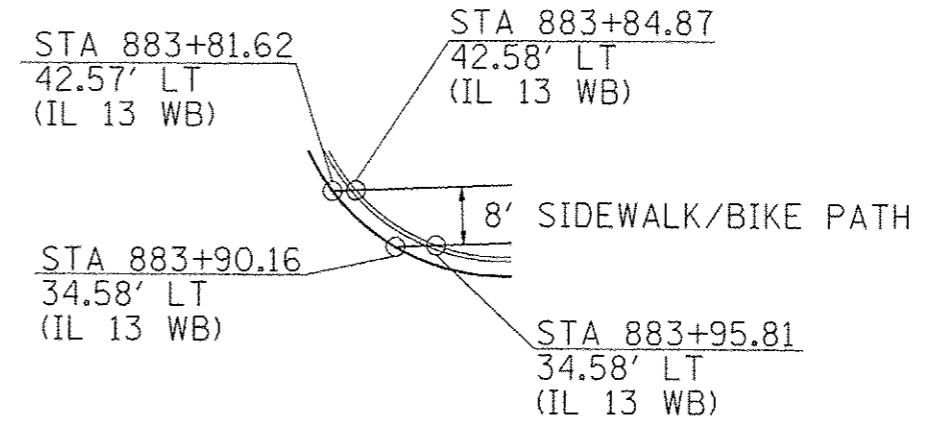
CONSTRUCT ACCORDING TO
STANDARD 4240001-06
AND DETAIL

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
en:\pwwork\pwwork\kell\jgk\d0184451\7820	paht-conat.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	331	(IX-11R-5.RS-3,N-5,TS-4)	WILLIAMSON	288	143
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -												
	PLOT DATE = 5/11/2012	DATE -	REVISED -												
											CONTRACT NO. 78203				
											ILLINOIS FED. AID PROJECT				

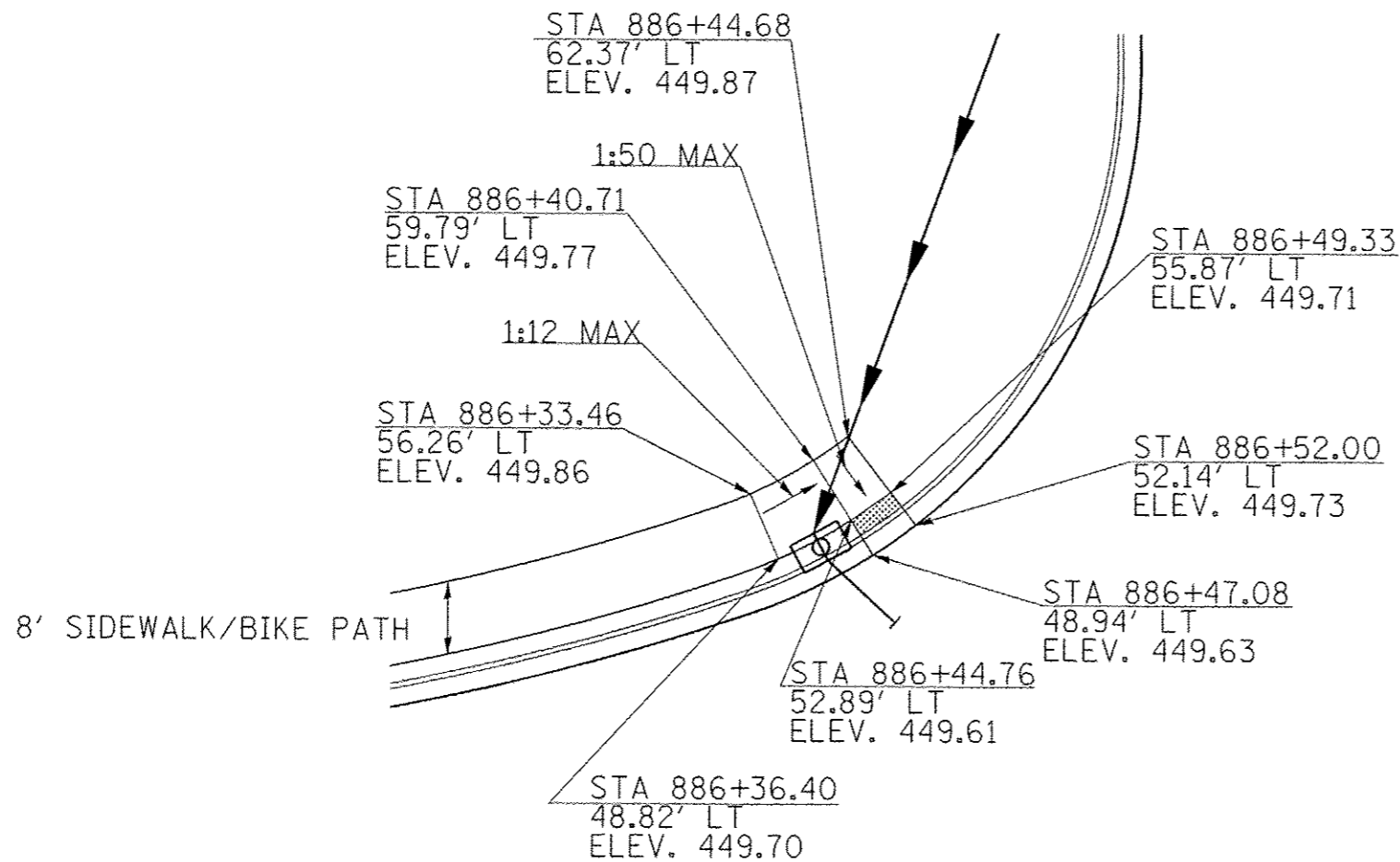
NORTHWEST QUADRANT OF JOHNSON ST.



NORTHEAST QUADRANT OF JOHNSON ST.

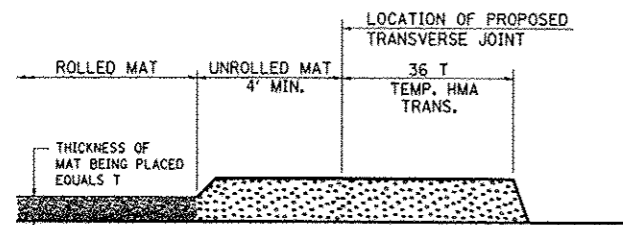


NORTHWEST QUADRANT OF IL 37



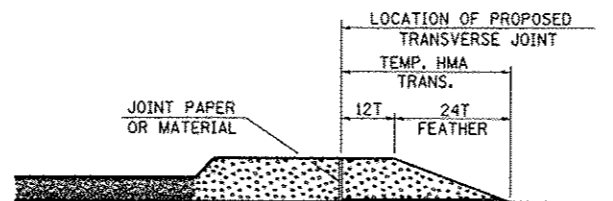
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o:\pwork\pilot\kellykd\08184451\78203\shh-conet.dgn		DRAWN -	REVISED -					331	(1X-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	144
PLDT SCALE = 40.0000' / 1" =		CHECKED -	REVISED -		CONTRACT NO. 78203							
PLDT DATE = 5/11/2012		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



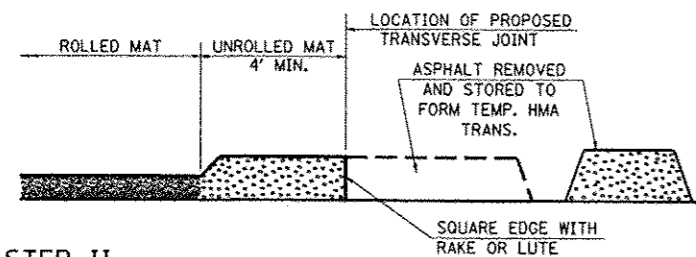
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



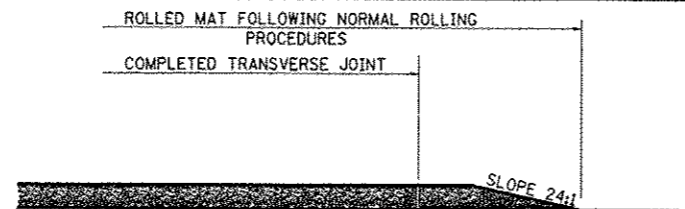
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

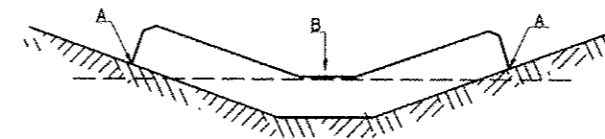
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08

STD. 9-26

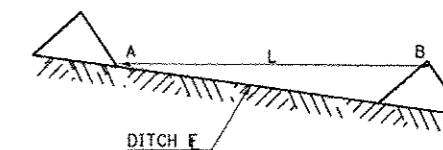
TEMPORARY DITCH CHECKS

PLACEMENT OF TEMPORARY DITCH CHECK IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B

SPACING BETWEEN TEMPORARY DITCH CHECKS

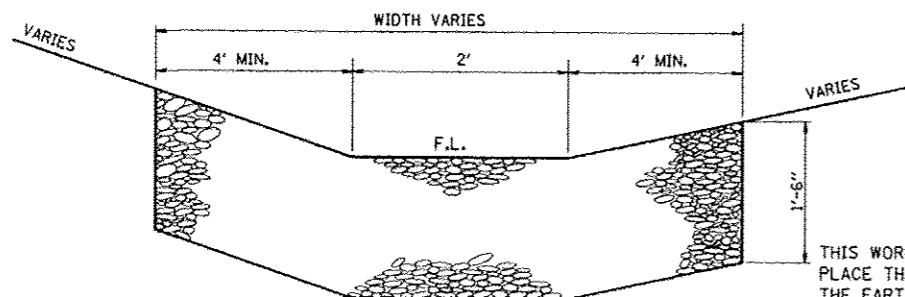


L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION
B = THE LOW POINT IN CENTER OF CHECK

REVISIONS	
DRAWN	9-01-99
REVISED	10-3-01
REVISED	6-3-99
REVISED	05-04-10

STD. 9-108

TYPICAL DETAIL OF STONE RIPRAP DITCH LINING



NOTES

THIS WORK INCLUDES THE EARTH EXCAVATION REQUIRED TO PLACE THE RIPRAP AS SHOWN. THE MATERIAL RESULTING FROM THE EARTH EXCAVATION SHALL BE PLACED IN THE ROADWAY EMBANKMENT, OR WASTED AS DIRECTED BY THE ENGINEER. THE EARTHWORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DITCH.

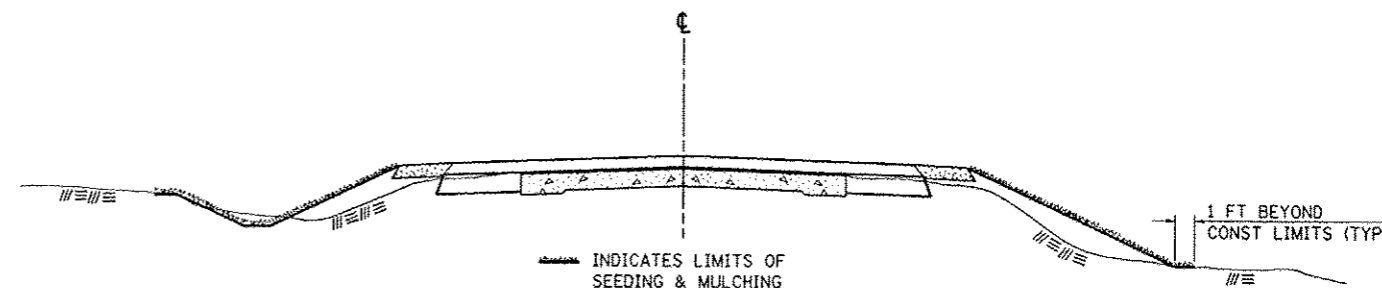
THE RIPRAP DITCH SHALL BE CONSTRUCTED AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. CONSTRUCTION OF THE STONE RIPRAP DITCH SHALL CONFORM TO THE REQUIREMENTS FOR CLASS A4 RIPRAP AS INDICATED IN SECTION 281 OF STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR **STONE RIPRAP, CLASS A4**, WHICH PRICE SHALL INCLUDE ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN.

BEDDING MATERIAL AND FILTER FABRIC AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.

THE WIDTH OF THE RIPRAP DITCH WILL BE AS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SEEDING & MULCHING



GENERAL NOTES

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDING AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	6-3-99
REVISED	3-27-08

STD. 9-12

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
o:\pvc_work\pvc\dot\kellgkd\2016451\78203	ehrt-det.dgn		
	PLOT SCALE :	CHECKED :	REVISED :
	100.0000 1/16"		
	PLOT DATE :	DATE :	REVISED :
	5/11/2012		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL: TEMP. HMA TRANSITIONS, TEMP. DITCH CHECKS
RIPRAP DITCH LINING, SEEDING & MULCHING**

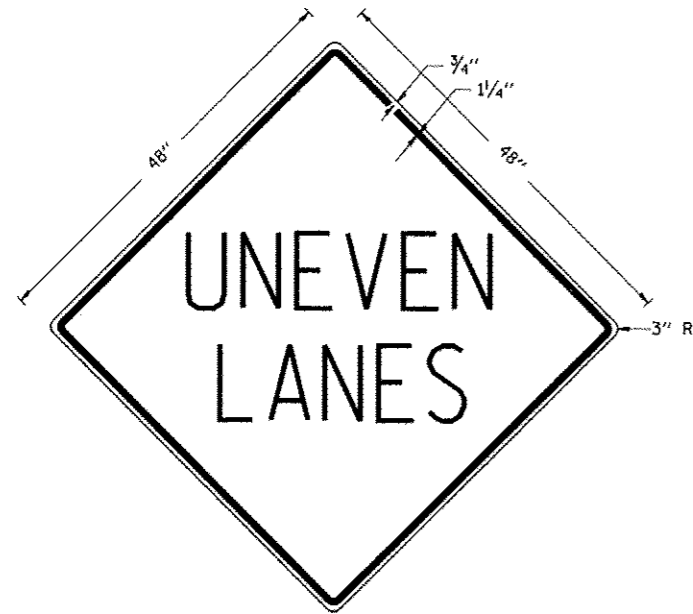
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	145
				CONTRACT NO. 78203

SCALE: SHEET NO. OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:
 LEGEND AND BORDER - BLACK NON-REFLECTORIZED
 BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

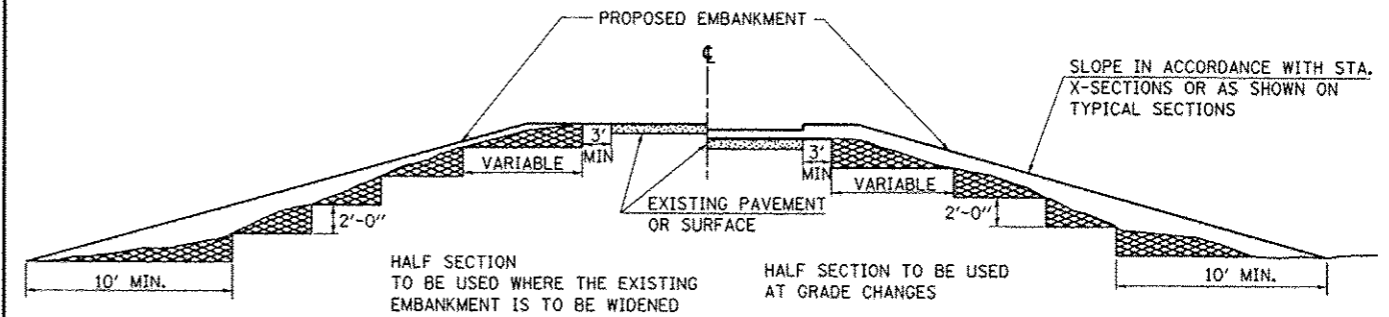
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08

STD. 9-41

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



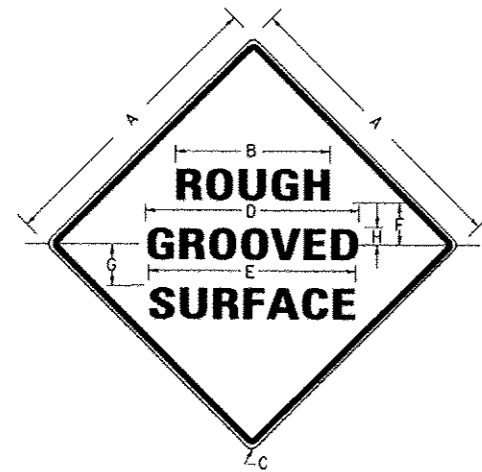
MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99
RESIZED	5-7-08

STD. 9-16

ILLINOIS STANDARD

W8-1106



COLORS:
 LEGEND AND BORDER- BLACK NON-REFLECTORIZED
 BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

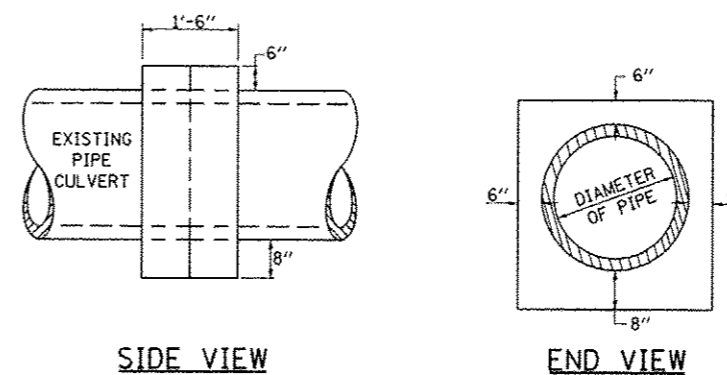
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08

STD. 9-39

DETAILS OF CONCRETE COLLAR PIPE TO PIPE



TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

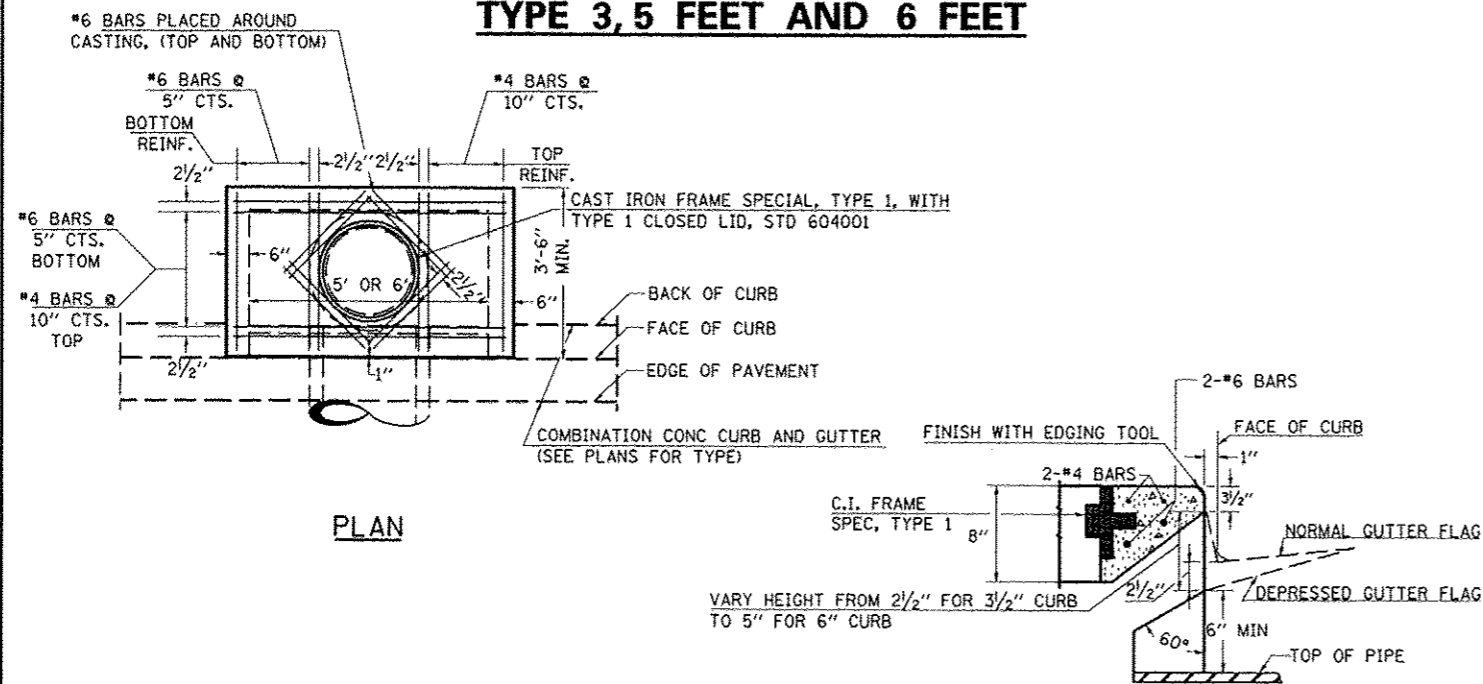
THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS	
DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08

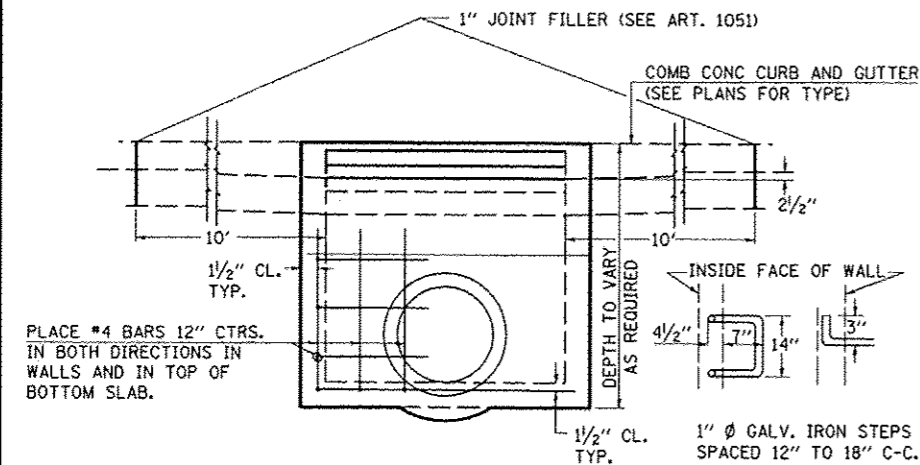
STD. 9-79

DETAILS OF INLET SPECIAL, NO. 1, TYPE 3, 5 FEET AND 6 FEET

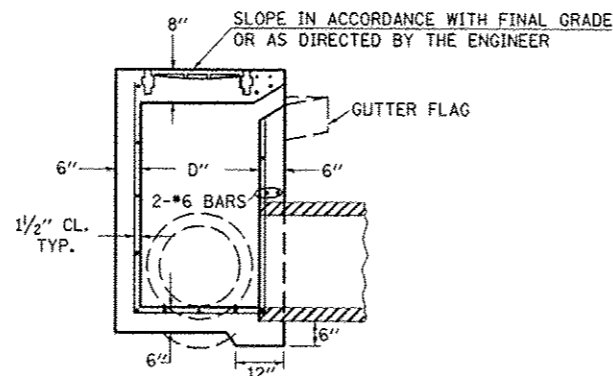


PLAN

SECTION AT WEIR



ELEVATION



SECTION

NOTE TO DESIGNER:

WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".

NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

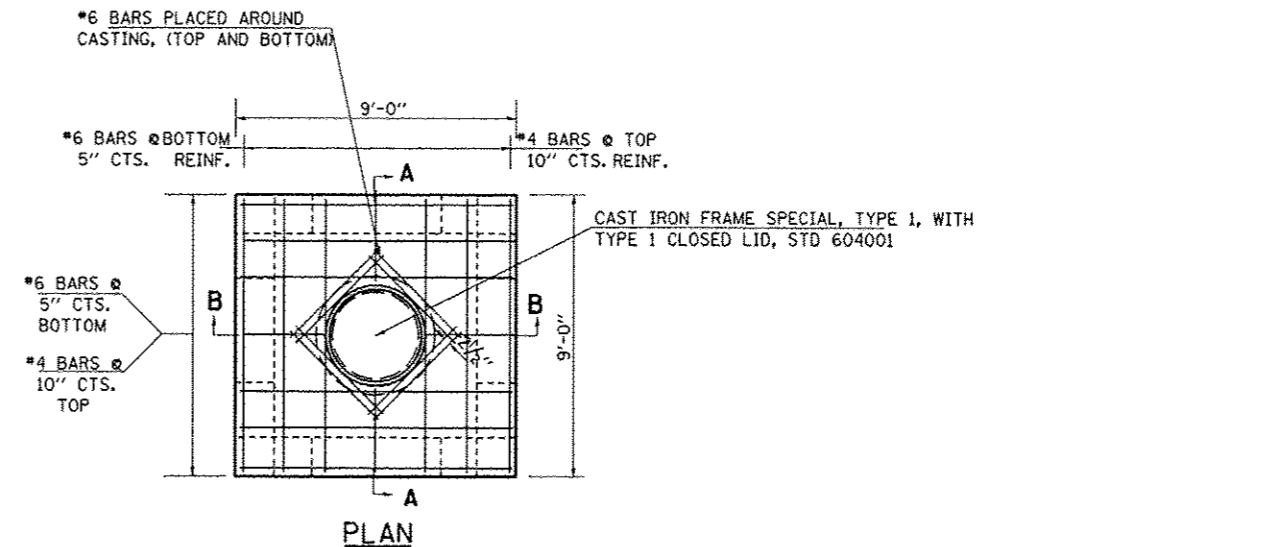
CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLETS, SPECIAL, NO. 1** WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

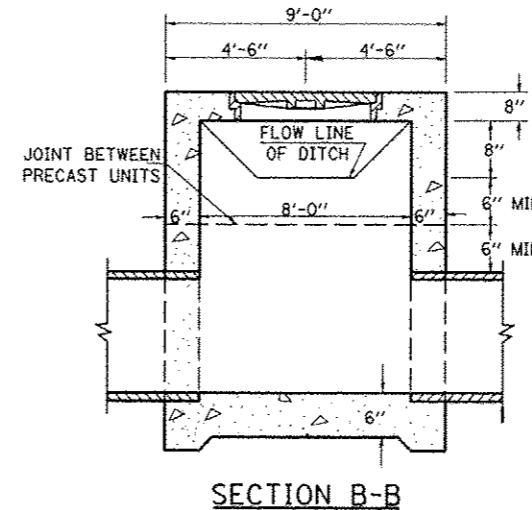
**THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN. MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

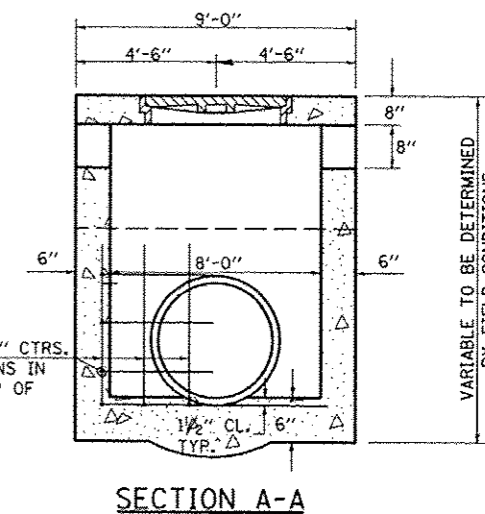
DETAILS OF INLET SPECIAL, NO. 2, 8'X8' AREA, WITH 2 SIDES OPEN



PLAN



SECTION B-B



SECTION A-A

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLETS, SPECIAL, NO. 2**

WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

THE DEPTH OF THE INLET SHALL BE VARIED TO FIT FIELD CONDITIONS.

THE LID MAY BE CAST SEPARATELY OR MONOLITHICALLY WITH THE UPPER SECTION OF THE INLET.

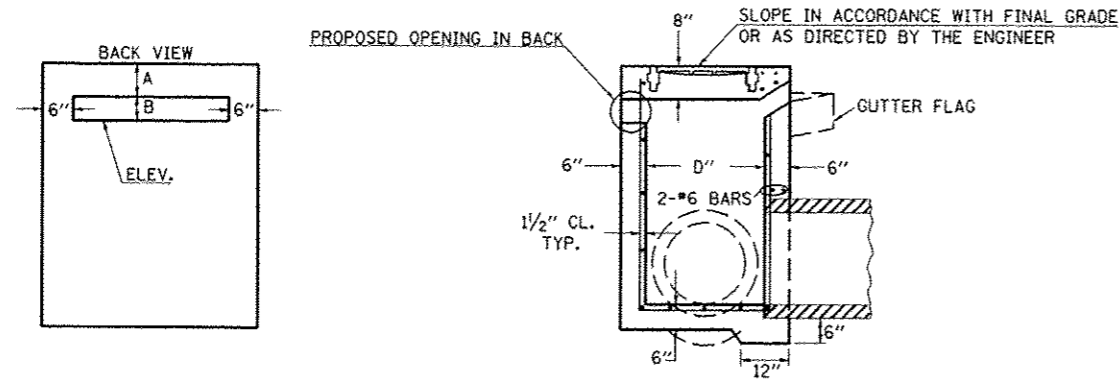
**THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN. MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

REVISIONS			
REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	

STD. 9-1

**DETAILS OF INLET SPECIAL, NO. 3, TYPE 3,
WITH OPENING BEHIND CURB**

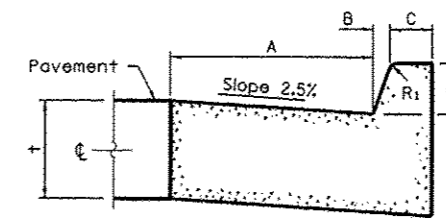


TO BE USED:
LT. STA. 871+51.35

SECTION

STA.	DISTANCE		ELEV.
	A	B	
871+51.35	7"	7"	447.96

**DETAILS OF COMBINATION CONCRETE
CURB AND GUTTER, TYPE B (SPECIAL)**



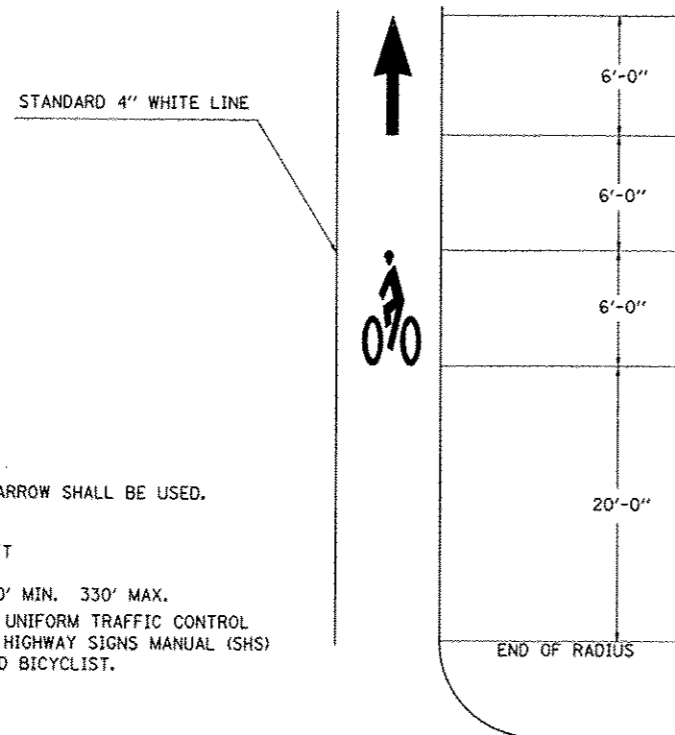
BARRIER CURB

NOTES:

USE STANDARD 606001 FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL), BUT USE THE DIMENSIONS SHOWN IN THIS DETAIL.

TYPE	A	B	C	D	R ₁
SPECIAL	60"	1"	6"	6"	1"

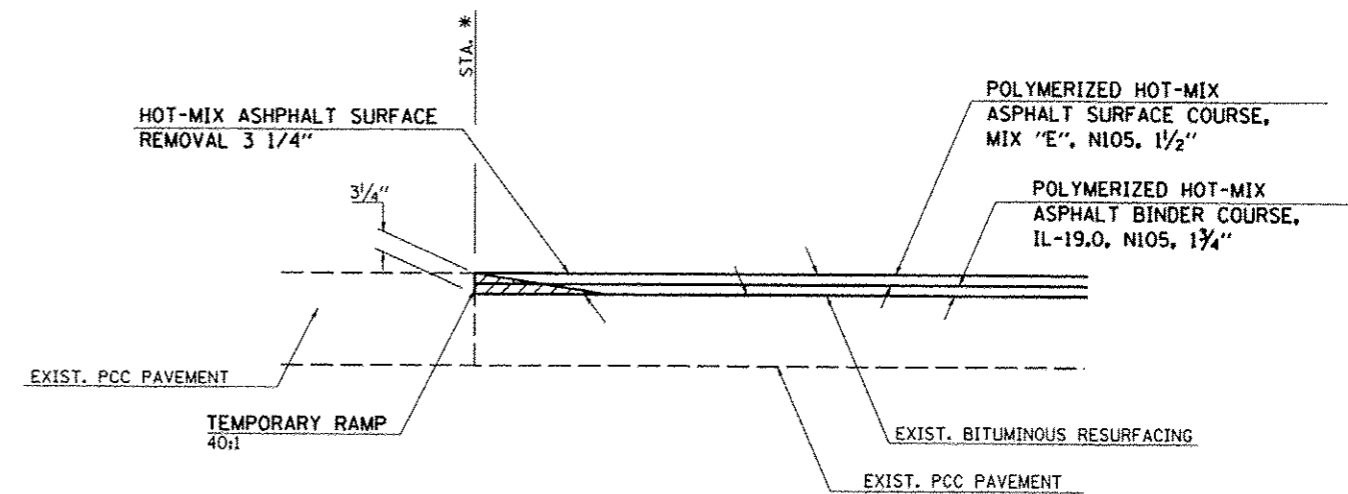
HELMETED BICYCLIST SYMBOL



NOTES:

THE STANDARD SMALL THROUGH ARROW SHALL BE USED.
ARROW = 6.5 SO FT
HELMETED BICYCLIST = 7.0 SO FT
SPACING BETWEEN SYMBOLS: 120' MIN. 330' MAX.
REFER TO THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND STANDARD HIGHWAY SIGNS MANUAL (SHS) FOR DIMENSIONS OF THE HELMETED BICYCLIST.

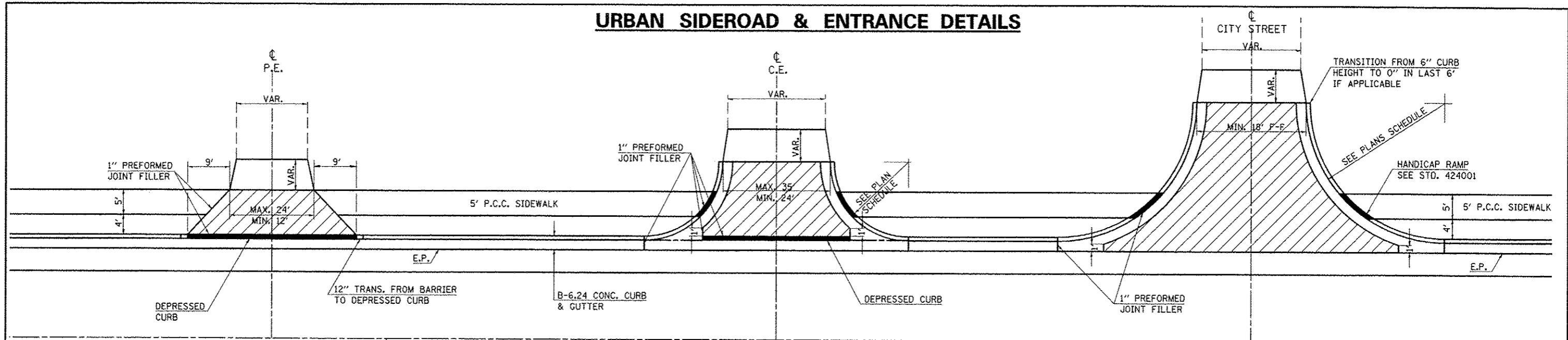
BUTT-JOINT



*** TO BE USED:**

STA. 861+86.7 EBL
STA. 883+25 EBL
STA. 862+76.3 WBL
STA. 883.25 WBL

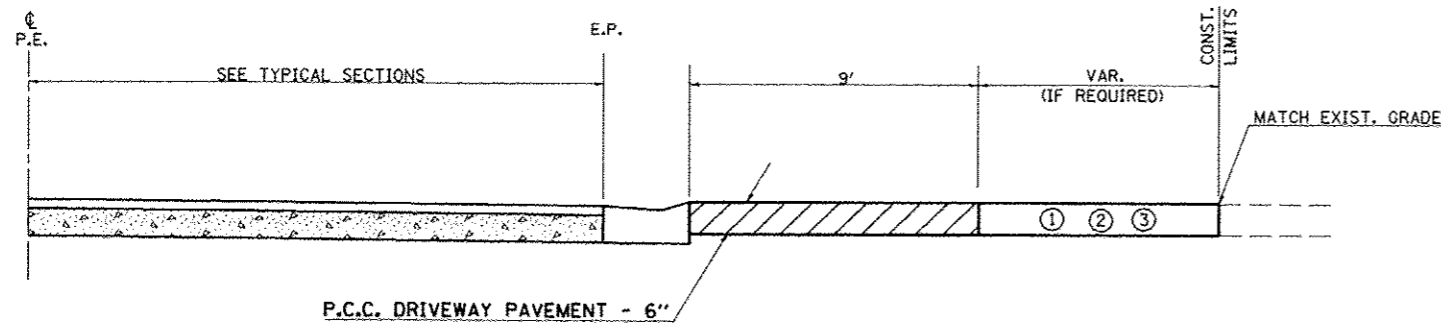
URBAN SIDEROAD & ENTRANCE DETAILS



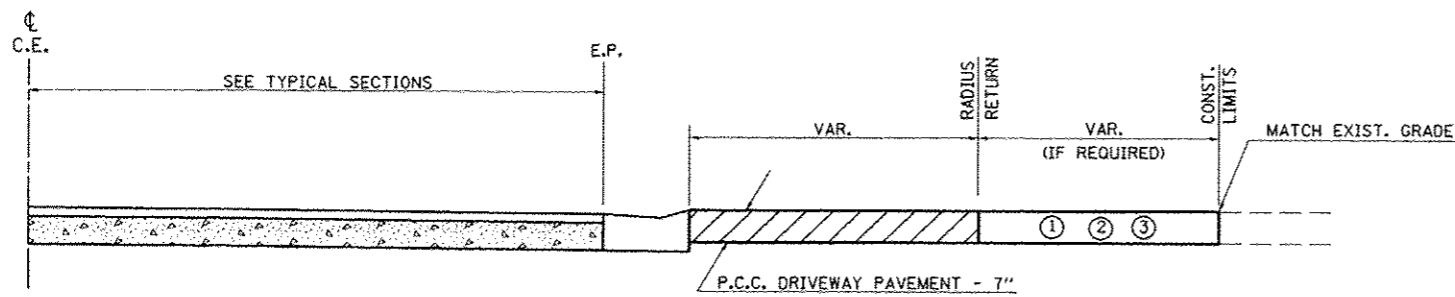
DETAILS PRIVATE ENTRANCE

DETAILS COMMERCIAL ENTRANCE

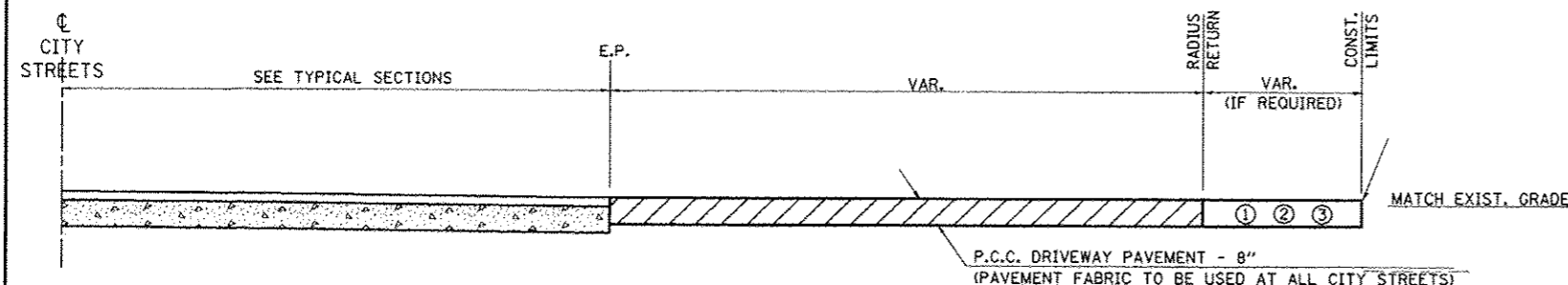
DETAILS CITY STREETS



PROFILE OF PRIVATE ENTRANCES



PROFILE OF COMMERCIAL ENTRANCES



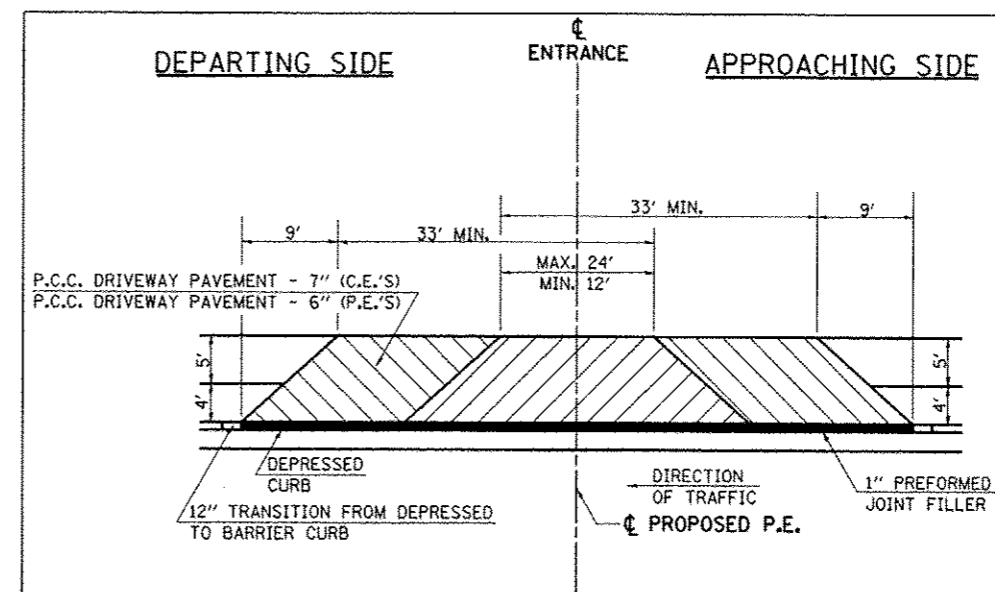
PROFILE OF CITY STREETS

GENERAL NOTES

1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF SIDEROAD AND ENTRANCES.
3. IN GENERAL, WIDTH TRANSITION TAPER RATES ARE TO BE 5:1 FOR ENTRANCES, AND 10:1 FOR CITY STREETS.
4. THE SAWING OF ALL JOINTS IN PCC DRIVEWAY PAVEMENT AT ALL LOCATIONS DESIGNATED BY THE ENGINEER, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PCC DRIVEWAY PAVEMENT.

LEGEND

- ① EXISTING AGGREGATE SURFACE:
CONSTRUCT AGGREGATE SURFACE CSE, TYPE A WEDGE TO MATCH EXISTING GRADE. USE 6" MIN. (8" MIN. FOR CITY STREETS) THICKNESS FOR ANY REQUIRED WIDENING.
- ② EXISTING BITUMINOUS SURFACE:
USE 2" MIN. BITUMINOUS RESURFACING ON 4" MIN. (6" MIN. FOR CITY STREETS) AGGREGATE BASE COURSE.
- ③ EXISTING CONCRETE SURFACE:
P.C.C. DRIVEWAY PAVEMENT 6" P.E.'S
P.C.C. DRIVEWAY PAVEMENT 7" C.E.'S
P.C.C. DRIVEWAY PAVEMENT 8" CITY STREETS



DETAILS FOR CONST. MAILBOX TURNOUTS

(AT EITHER APPROACHING OR DEPARTING SIDE OF ENTRANCE)

FILE NAME =	USER NAME = #USER#
ct:\p\work\p\id\ot\k\el\j\k\d\0810445\17820	1-shd-det.dgn
PLOT SCALE = 1/80, 8/280	1/8"
PLOT DATE = 5/11/2012	

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL: URBAN SIDEROAD & ENTRANCE DETAILS

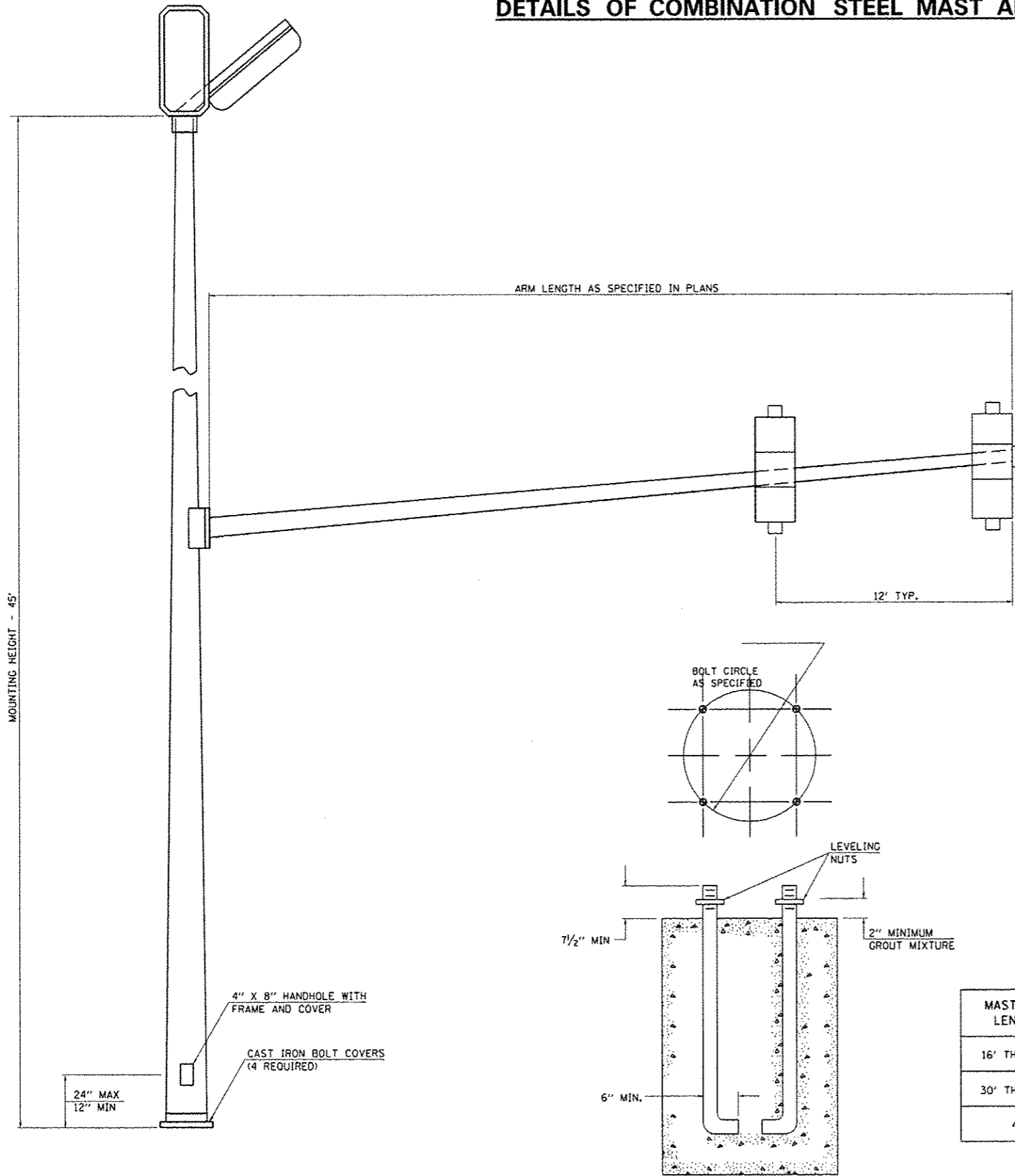
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (IX-1R-5,RS-3,N-5,TS-4)	COUNTY WILLIAMSON	TOTAL SHEETS 288	SHEET NO. 149
CONTRACT NO. 78203			ILLINOIS FED. AID PROJECT	

REVISIONS	
DRAWN	10-22-90
REVISED	9-6-91
REVISED	10-21-91
RESIZED	5-8-08

STD. 9-84

DETAILS OF COMBINATION STEEL MAST ARM ASSEMBLY AND POLE



GENERAL NOTES

1. THE COMBINATION MAST ARM ASSEMBLY AND POLE SHALL BE CONSTRUCTED WITH ONE PIECE MAST ARMS AND POLE OR OTHER EQUIVALENT SECTIONAL DESIGN.
2. THIS MAST ARM ASSEMBLY AND POLE SHALL BE DESIGNED TO SUPPORT ONE 80 POUND SIGNAL HEAD WITH A PROJECTED AREA OF 14.7 SQUARE FEET AT THE FREE END OF THE MAST ARM. ONE 24" X 30" SIGN, THE CENTER OF THE SIGN MOUNTED 3 FEET FROM THE CENTER OF THE SIGNAL HEAD ON THE FREE END. ONE 50 POUND SIGNAL HEAD WITH A PROJECTED AREA OF 8.7 SQUARE FEET, THE CENTER MOUNTED 12 FEET FROM THE CENTER OF THE SIGNAL HEAD ON THE FREE END. ONE 80 POUND SIGNAL HEAD WITH A PROJECTED AREA OF 14.7 SQUARE FEET, THE CENTER MOUNTED 24 FEET FROM THE CENTER OF THE SIGNAL HEAD ON THE FREE END. ONE 30" X 72" TOWN NAME SIGN, THE CENTER MOUNTED 5 FEET FROM THE CENTER OF THE VERTICAL SHAFT OR MOUNTED CENTERED ON THE VERTICAL SHAFT. ONE 125 POUND SIGNAL HEAD WITH A PROJECTED AREA OF 7.6 SQUARE FEET MOUNTED WITH THE VERTICAL TERMINAL COMPARTMENT, 10 FEET ABOVE THE FOUNDATION. IN CASE OF TENON MOUNT COMBINATION STEEL MAST ARM, THE TYPICAL LOADING SHALL ALSO INCLUDE TWO 100 POUND LUMINARIES WITH A PROJECTED AREA OF 3.95 SQUARE FEET.
3. THE CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS SHOWING DESIGN MATERIALS, THICKNESS OF SECTIONS, WELD SIZES, AND ANCHOR BOLTS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE AT LEAST 17" BY 22" IN SIZE AND OF ADEQUATE QUALITY FOR MICROFILMING.
4. THE TYPE OF SIGNAL HEAD MOUNTING BRACKET TO BE USED SHALL BE APPROVED BY THE ENGINEER.
5. THE SIGNAL HEAD (INCLUDING BACKPLATE WHEN USED) SHALL NOT BE LESS THAN 16' OR MORE THAN 18' ABOVE THE CROWN OF PAVEMENT.
6. THE MANUFACTURER WILL BE ALLOWED TO SLOT THE BASE PLATE IN WHICH OTHER BOLT CIRCLES MAY FIT, PROVIDING THAT THESE SLOTS DO NOT OFFSET THE INTEGRITY OF THE POLE.
7. COMBINATION MAST ARM ASSEMBLIES AND POLES SHALL NOT BE INSTALLED WITHOUT THE LUMINAIRE.
8. THE ANCHOR BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
9. FOR MAST ARMS LESS THAN 32', THE 72" X 30" SIGN S BE MOUNTED ON THE MAST ARM POLE INSTEAD OF THE ARM.

MAST ARM LENGTH	BOLT CIRCLE	ANCHOR BOLT SIZE
16' THRU 28'	15"	1 1/2" X 60"
30' THRU 42'	18"	1 1/2" X 60"
44'	18"	1 3/4" X 90"

REVISIONS			
DATE	BY	REASON	NO.
2-13-90	REVISED		5-14-02
8-16-94	REVISED		3-27-08
12-18-01	REVISED		
2-19-02	REVISED		

STD. 9-70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAILS OF COMBINATION STEEL MAST
ARM ASSEMBLY AND POLE**

SCALE: VERT. 3/16" = 1'-0"	HORIZ. 1/8" = 1'-0"	DATE	DRAWN BY	CHECKED BY
F.A.P. RTE. 331		SECTION (IX-1R-5,RS-3,N-5,TS-4)	COUNTY WILLIAMSON	TOTAL SHEETS 288
SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78203		
ILLINOIS FED. AID PROJECT				

FILE NAME >	USER NAME > #USER#	DESIGNED -	REVISED -
c:\pwork\pwork\kellay\ch0184451\78203-sht-det.dgn		DRAWN -	REVISED -
PLOT SCALE > 1/8"=1'-0"		CHECKED -	REVISED -
PLOT DATE > 5/11/2012		DATE -	REVISED -

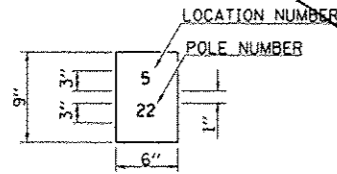
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS OF COMBINATION STEEL MAST ARM
ASSEMBLY AND POLE**

POLE STANDARDS

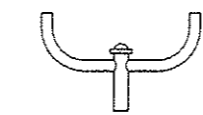
"INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO DRILL A 3/4" DIAMETER HOLE THROUGH TENON. INSTALL AND TIGHTEN SELF-TAPPING SCREW. TIGHTEN SET SCREWS AN ADDITIONAL 1/4 TO 3/8 TURN WITH HEX KEY (NOT PROVIDED). INSTALL LOCKNUTS ON SET SCREWS IF THREADED PROJECTION ALLOWS."

POLE SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR 80 MPH WIND LOADING AND 90 LB. 40 SQ. FT E.P.A. LUMINAIRE.

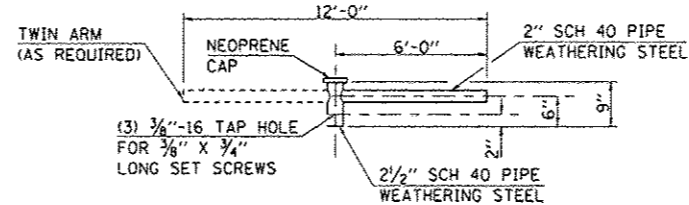


THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION OF EACH NEW LIGHT POLE, AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3", SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION T602.01 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS, THE NUMERALS SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS".

THE LIGHT POLE IDENTIFICATION SHALL BE APPLIED TO SIGN BASE MATERIAL AS SPECIFIED IN SECTION 719.11 OF THE STANDARD SPECIFICATIONS, APPROXIMATELY 7" ABOVE THE ADJACENT PAVEMENT GRADE VISIBLE TO APPROACHING TRAFFIC IN ACCORDANCE WITH HIGHWAY STANDARD 2319.

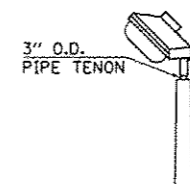


TWIN TENON

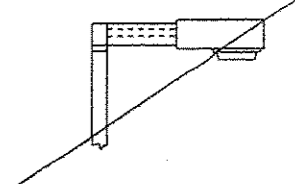


TENON MOUNT BRACKET ARM

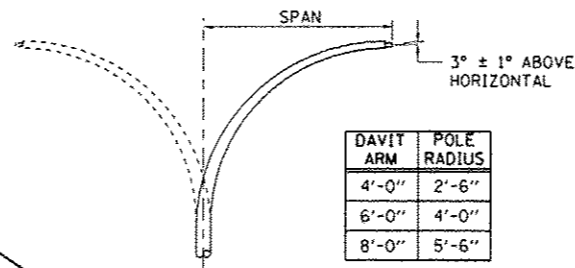
NOTE: SINGLE OR TWIN ARM ASSEMBLY SHALL BE TILTED 3° ABOVE HORIZONTAL.



TENON

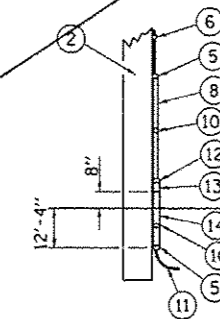


SHORT BRACKET



DAVIT ARM (AND OR)

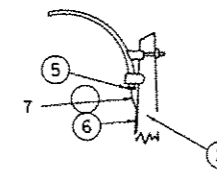
DAVIT ARM-TWIN



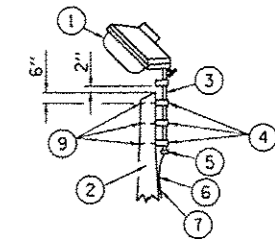
DETAILS FOR UNDERGROUND DISTRIBUTION IF REQUIRED

POLE, WOOD

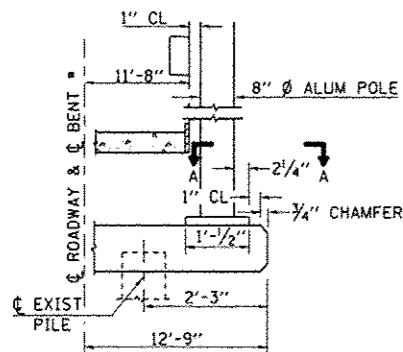
POLE LENGTH	DEPTH IN GROUND
65'-0"	12'-0"
60'-0"	10'-0"
55'-0"	9'-0"
50'-0"	8'-0"
45'-0"	7'-0"
40'-0"	6'-6"
35'-0"	6'-0"
30'-0"	5'-6"



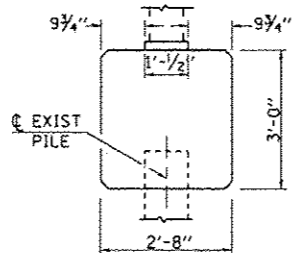
MAST ARM



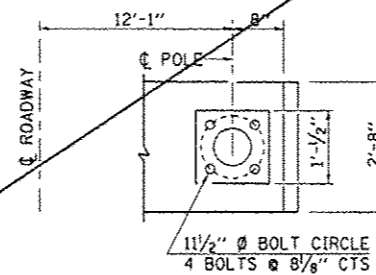
TENON



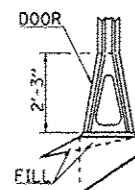
BENT #1
(LOOKING)



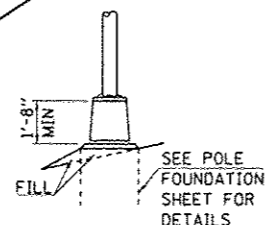
BRIDGE PIER MOUNT



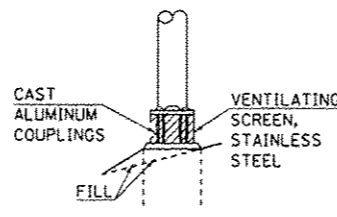
SECTION A-A



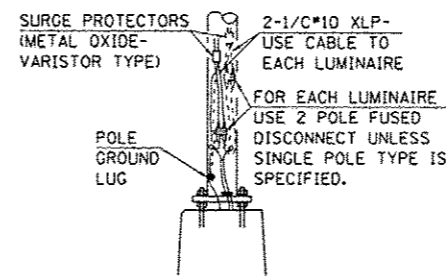
STAINLESS STEEL FLAIR BASE



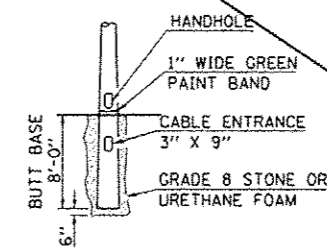
TRANSFORMER BASE
 FRANGIBLE



BREAKAWAY COUPLING



ANCHOR



BUTT BASE

- ① LUMINAIRE
- ② WOOD POLE, CLASS 3 OR BETTER
- ③ 2 1/2" GALV. STEEL CONDUIT
- ④ SINGLE OFFSET POLE BAND
- ⑤ CONDUIT BUSHING
- ⑥ CABLE CLAMPS ON 2' CENTERS
- ⑦ 2/C #12 TYPE USE CABLE
- ⑧ 1" GALV. STEEL CONDUIT 10' IN LENGTH
- ⑨ 5/8" Ø HOT DIPPED GALVANIZED BOLT WITH FLAT WASHER & LOCKNUT (3 REQ'D)
- ⑩ CONDUIT CLAMPS ON 3' CENTERS
- ⑪ UNIT DUCT
- ⑫ THREADED REDUCER
- ⑬ "C" CONDULET, THREADED
- ⑭ 1 1/2" GALV. STEEL CONDUIT FOR 1 UNIT DUCT OR 3" GALV. STEEL CONDUIT FOR 2 OR 3 UNIT DUCTS.

STD. 9-115

REVISIONS	
DRAWN	2-9-01
REVISED	4-14-02
RESIZED	5-6-08

DETAIL OF DETECTOR LOOPS

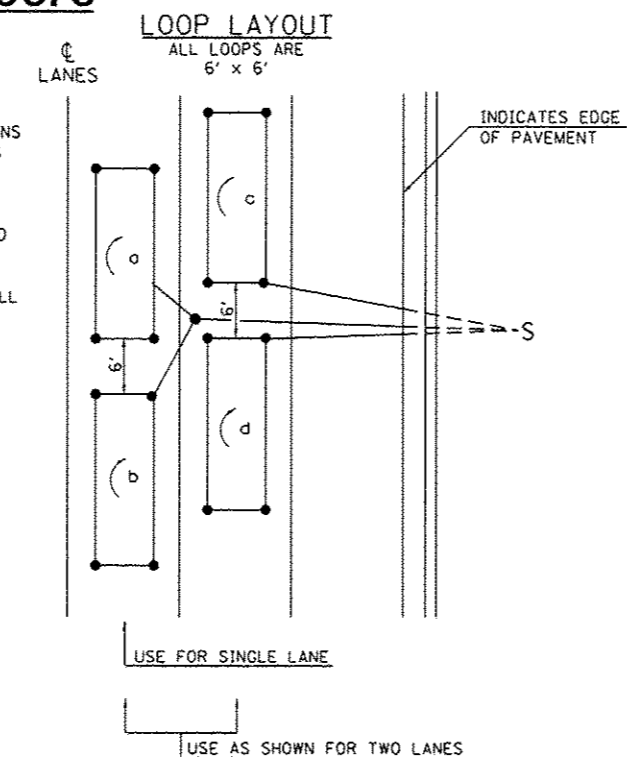
NOTES

(APPLIES TO 6' x 20' LOOPS ONLY)

1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 806 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

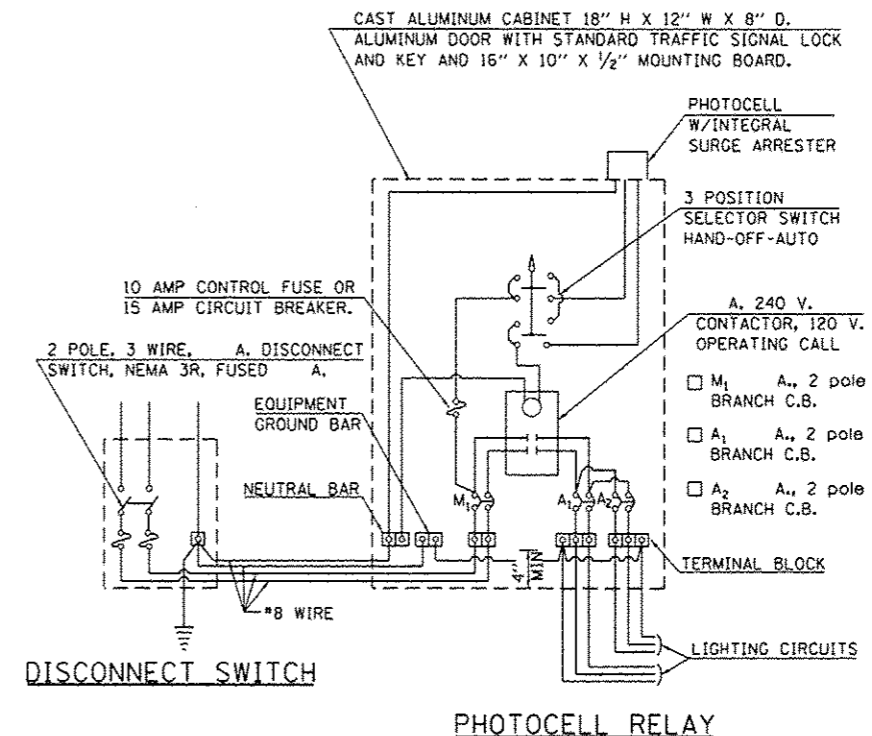
LOOP LEGEND

- () CLOCKWISE ROTATION FOR LOOP WIRES
- S INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL



DETAIL 6' x 20' DETECTOR LOOPS

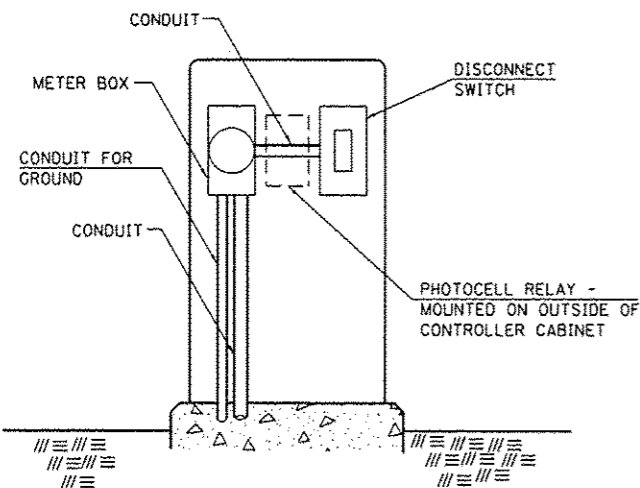
CONTROL INSTALLATION SIGNAL CABINET MOUNTED



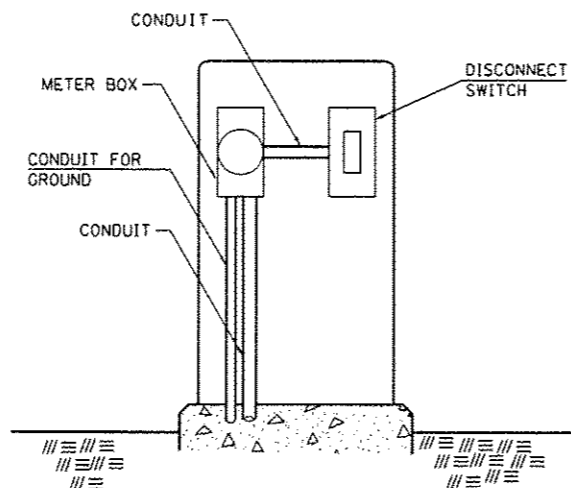
REVISIONS	
DRAWN	5-13-02
REVISED	3-25-08
REVISED	
REVISED	

STD. 9-113

SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL)
WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

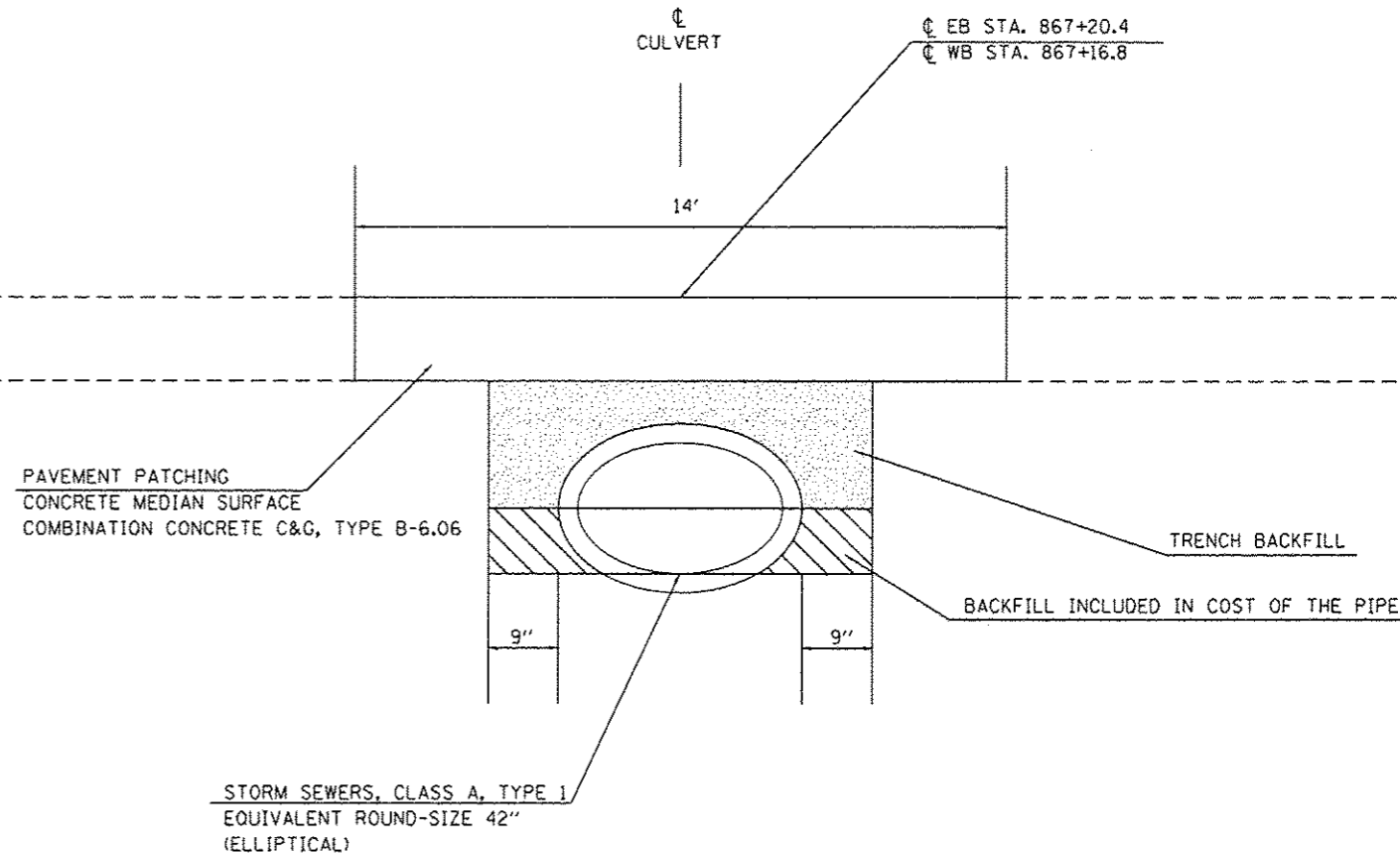
NOTE:

MATERIAL AND SIZE OF CONDUIT
AND CABLE AS REQUIRED BY
UTILITY COMPANY

REVISIONS	
DRAWN	1-31-90
REVISED	2-24-92
RESIZED	5-7-08

STD. 9-68

CULVERT DETAIL



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: DETECTOR LOOPS, SERVICE INSTALLATION, CONTROL
INSTALLATION SIGNAL CABINET MOUNTED, CULVERT DETAIL**

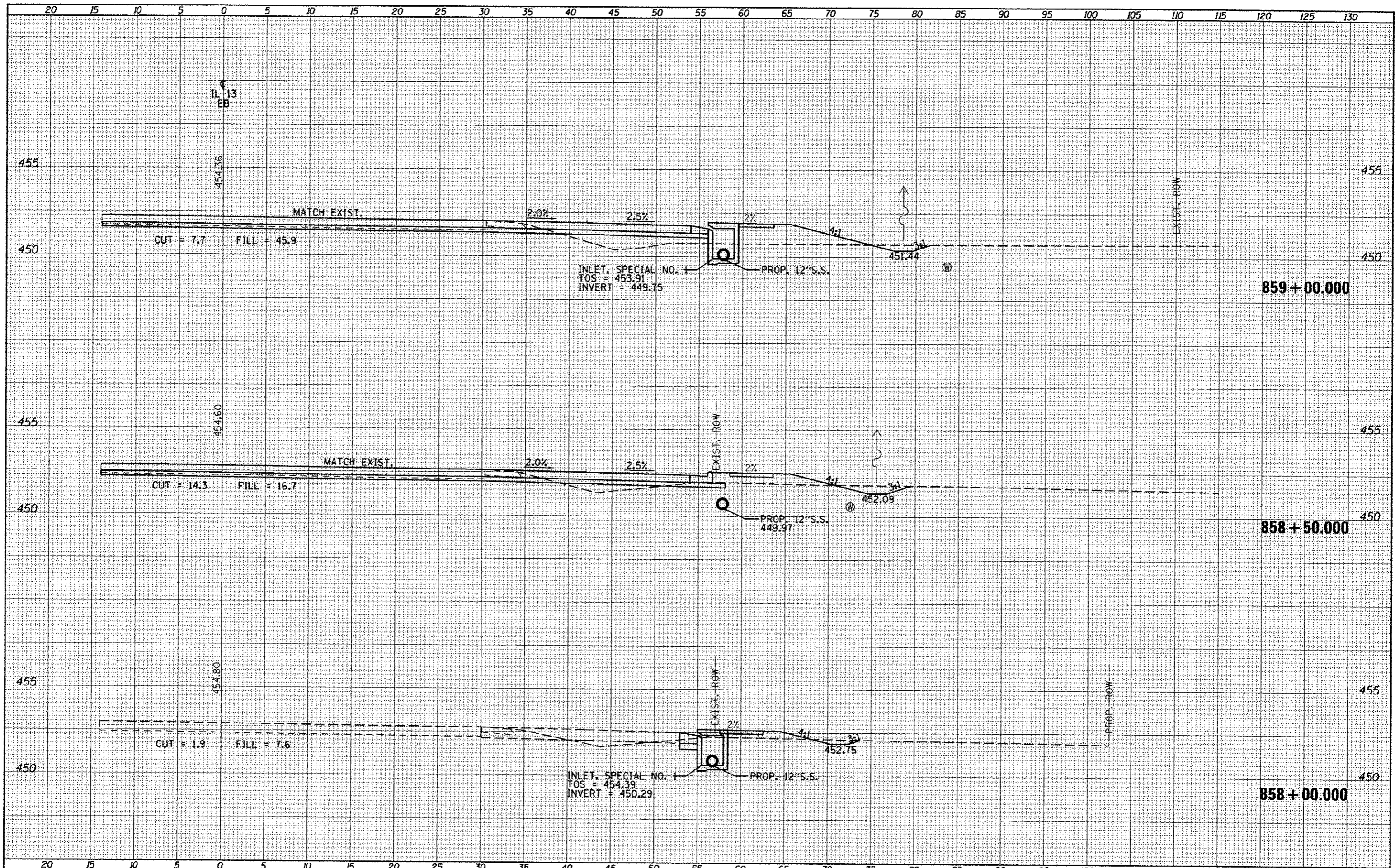
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331	(1X-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	152
				CONTRACT NO. 78203
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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	PLOT DATE = 9/12/2012	DATE -	REVISED -

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BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
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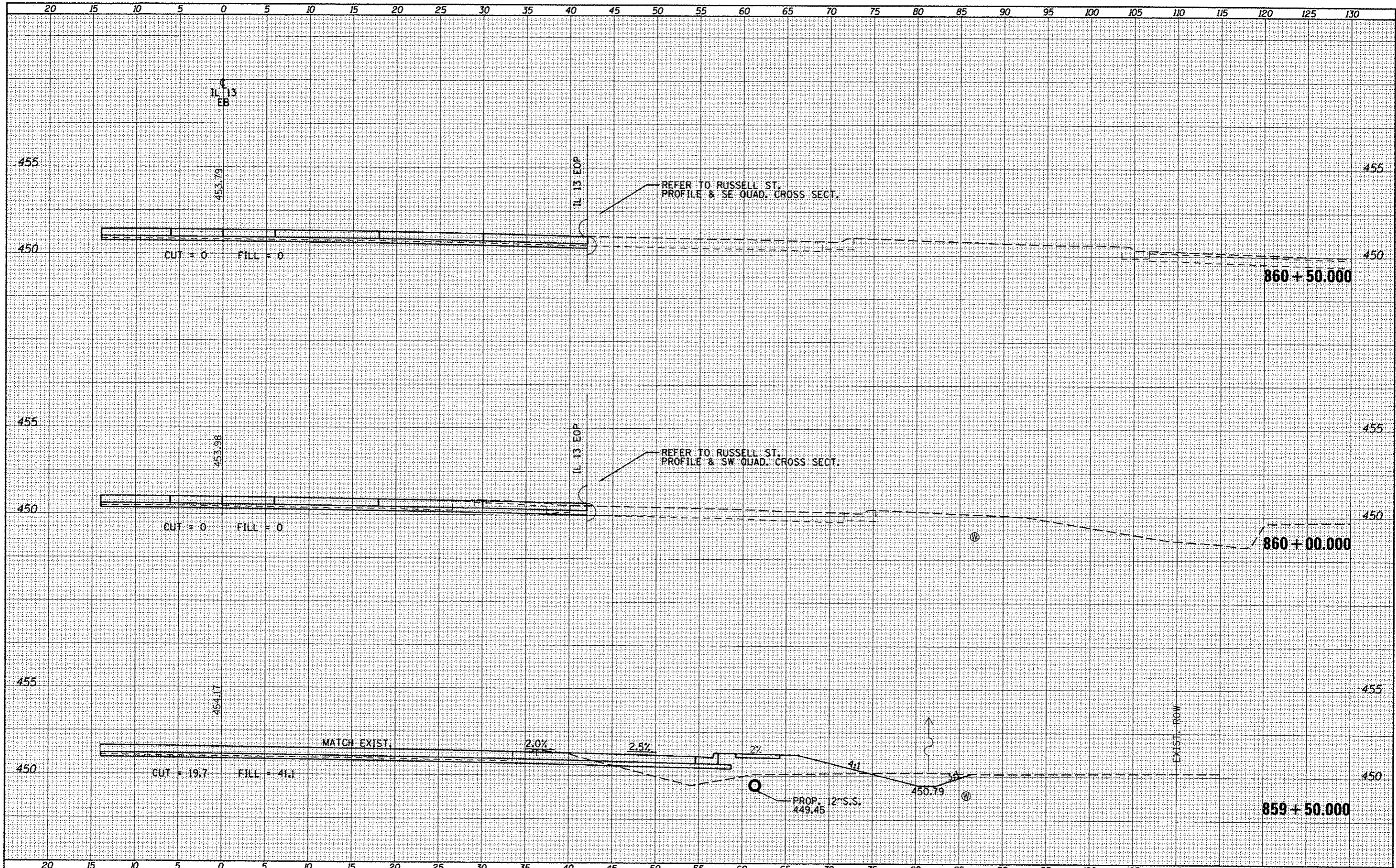
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		CHECKED -	REVISED -			CONTRACT NO. 78203					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 10.0000' / in.		PLOT DATE = 5/11/2012		SCALE:		SHEET OF SHEETS STA. 858+00.000 TO STA. 859+00.000					

BY	DATE
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DATE	

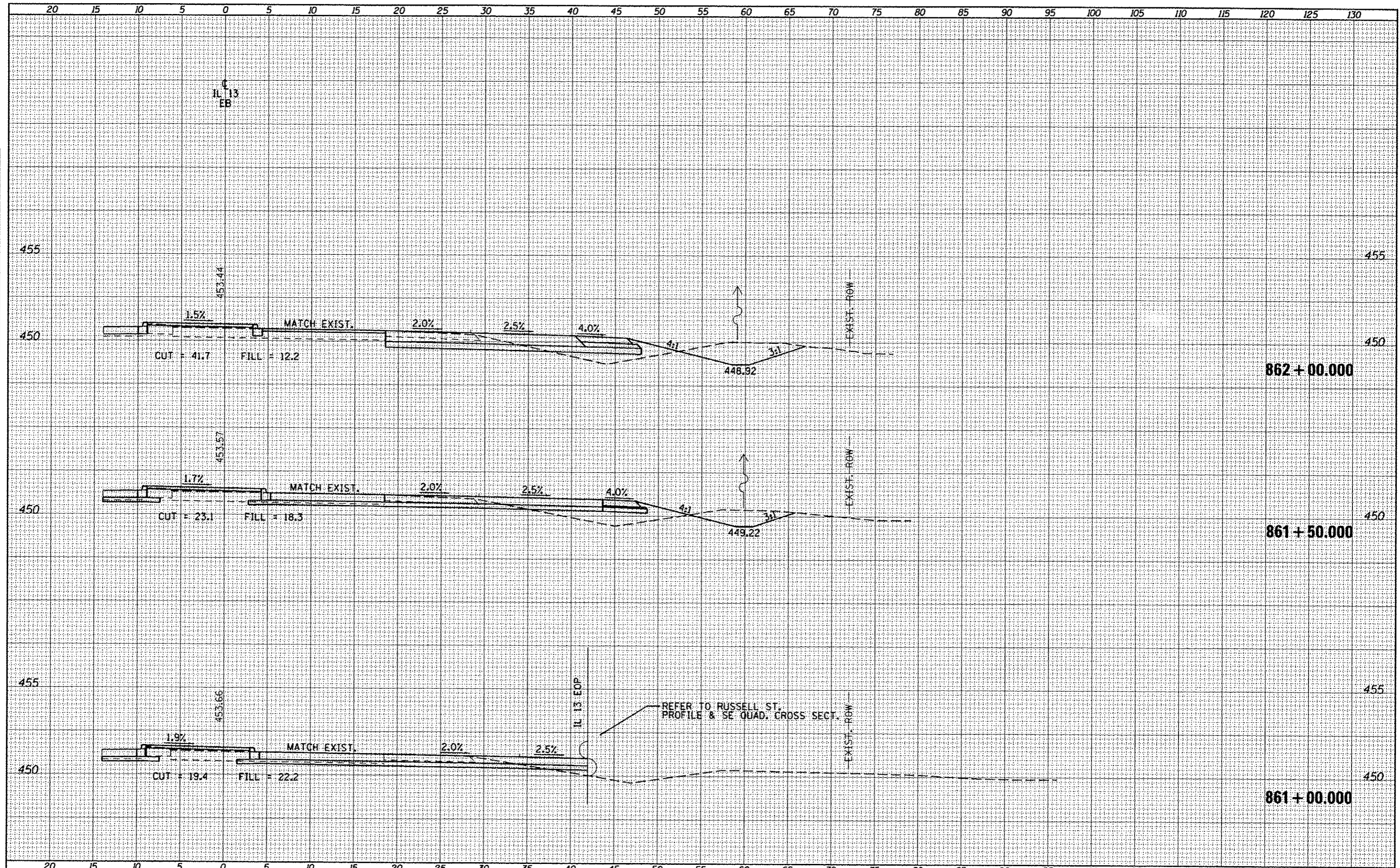
BY	DATE
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DATE	



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PLOT SCALE: 1/8" = 1'	PLOT DATE: 5/11/2012	DRAWN -	REVISED -				CONTRACT NO. 78203				
		CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -								

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FINAL SURVEY	
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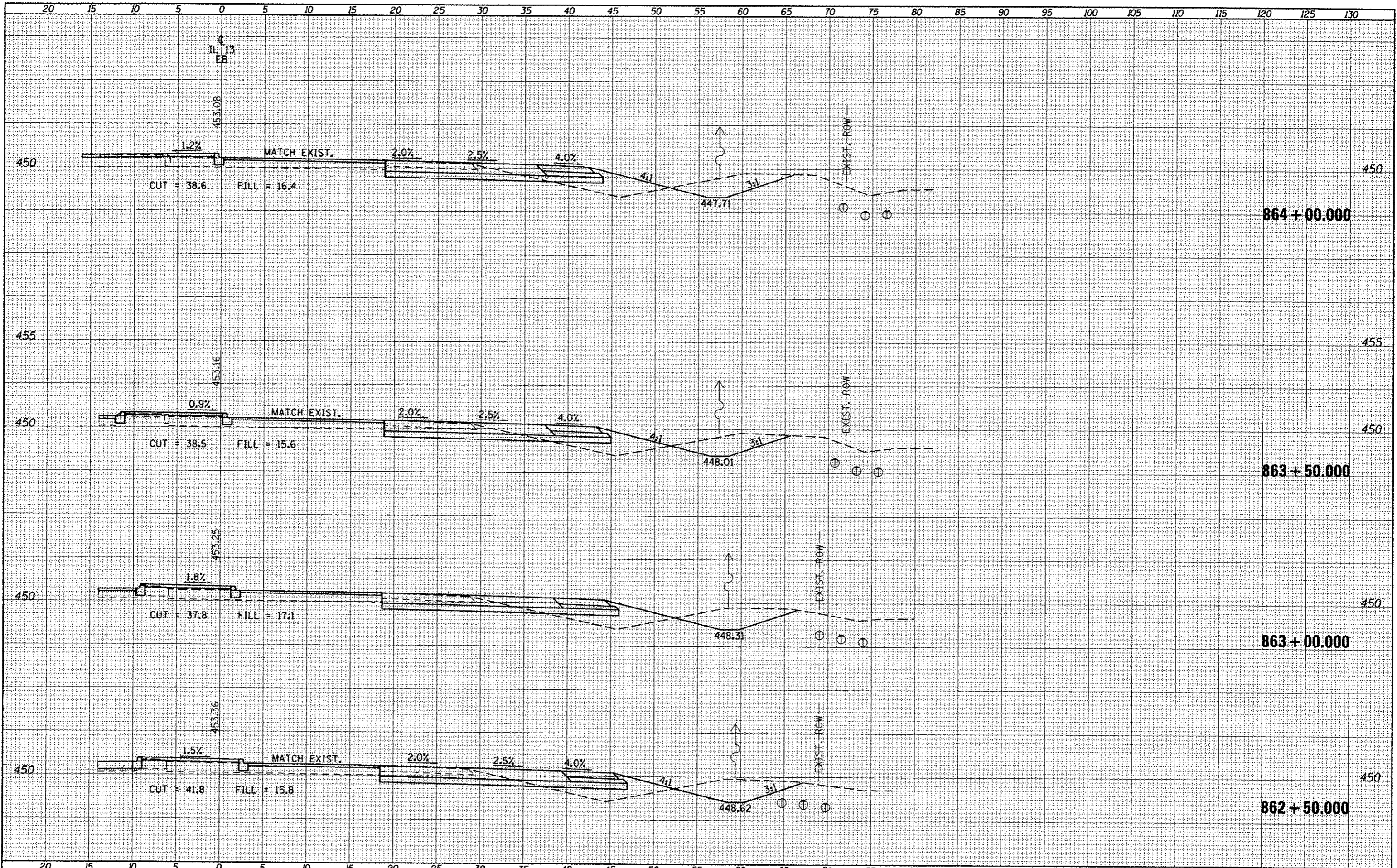


REFER TO RUSSELL ST. PROFILE & SE QUAD. CROSS SECT.

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS																					
331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288																					
			155																					
CONTRACT NO. 78203																								
o:\p\work\p\idot\k\kollayh\20104451\78203-shr-1	no.dgn	DRAWN -	REVISED -	SCALE:	SHEET	OF	SHEETS																	
	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -	STA. 861+00.000	TO	STA. 862+00.000																		
	PLOT DATE = 5/11/2012	DATE -	REVISED -				ILLINOIS FED. AID PROJECT																	

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PLOTTED	
NOTE BOOK	
AREAS CHECKED	

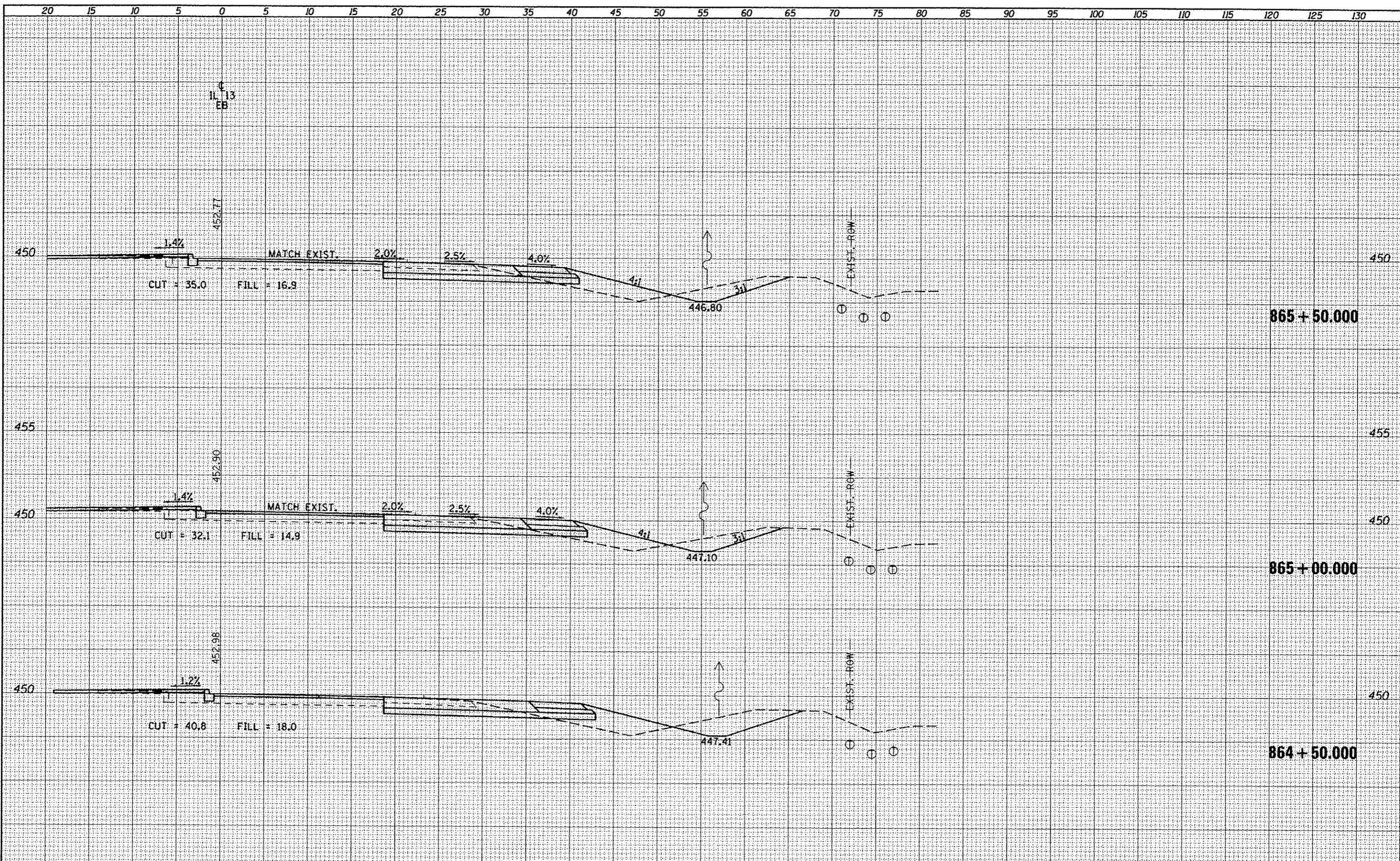
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NOTE BOOK	
AREAS CHECKED	



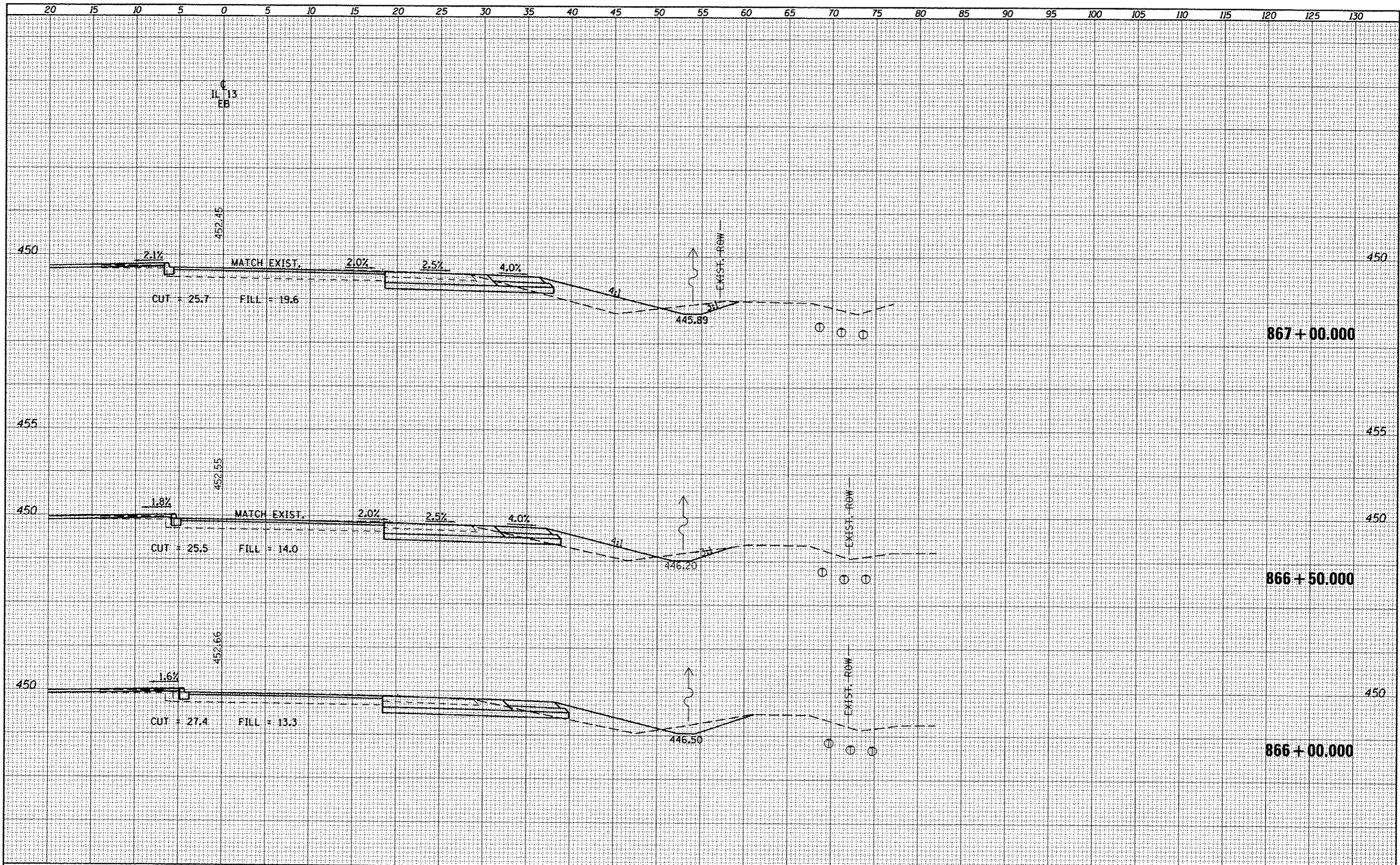
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		DATE -	REVISED -												

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PLOT SCALE = 10.0000' / 1" =		DRAWN -	REVISED -	331 (1X-1R-5,RS-3,N-5,TS-4	WILLIAMSON				288	157
PLOT DATE = 5/11/2012		CHECKED -	REVISED -	CONTRACT NO. 78203						
		DATE -	REVISED -	ILLINOIS FED. AID PROJECT						



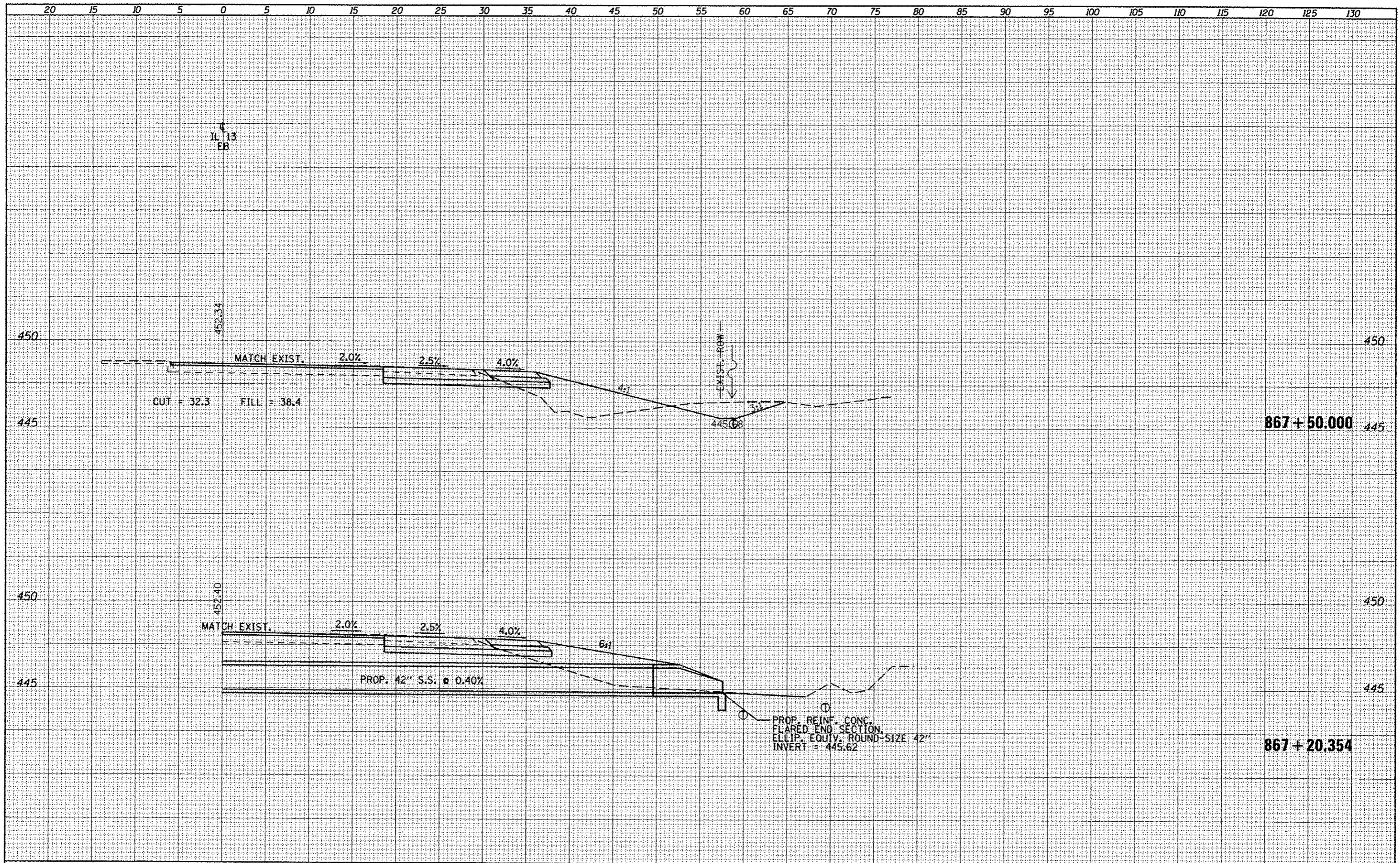
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PLOT DATE = 5/11/2012	CHECKED -	REVISED -								
DATE -	REVISED -	REVISED -								
SCALE: SHEET OF SHEETS STA. 866+00.000 TO STA. 867+00.000						CONTRACT NO. 78203				
						ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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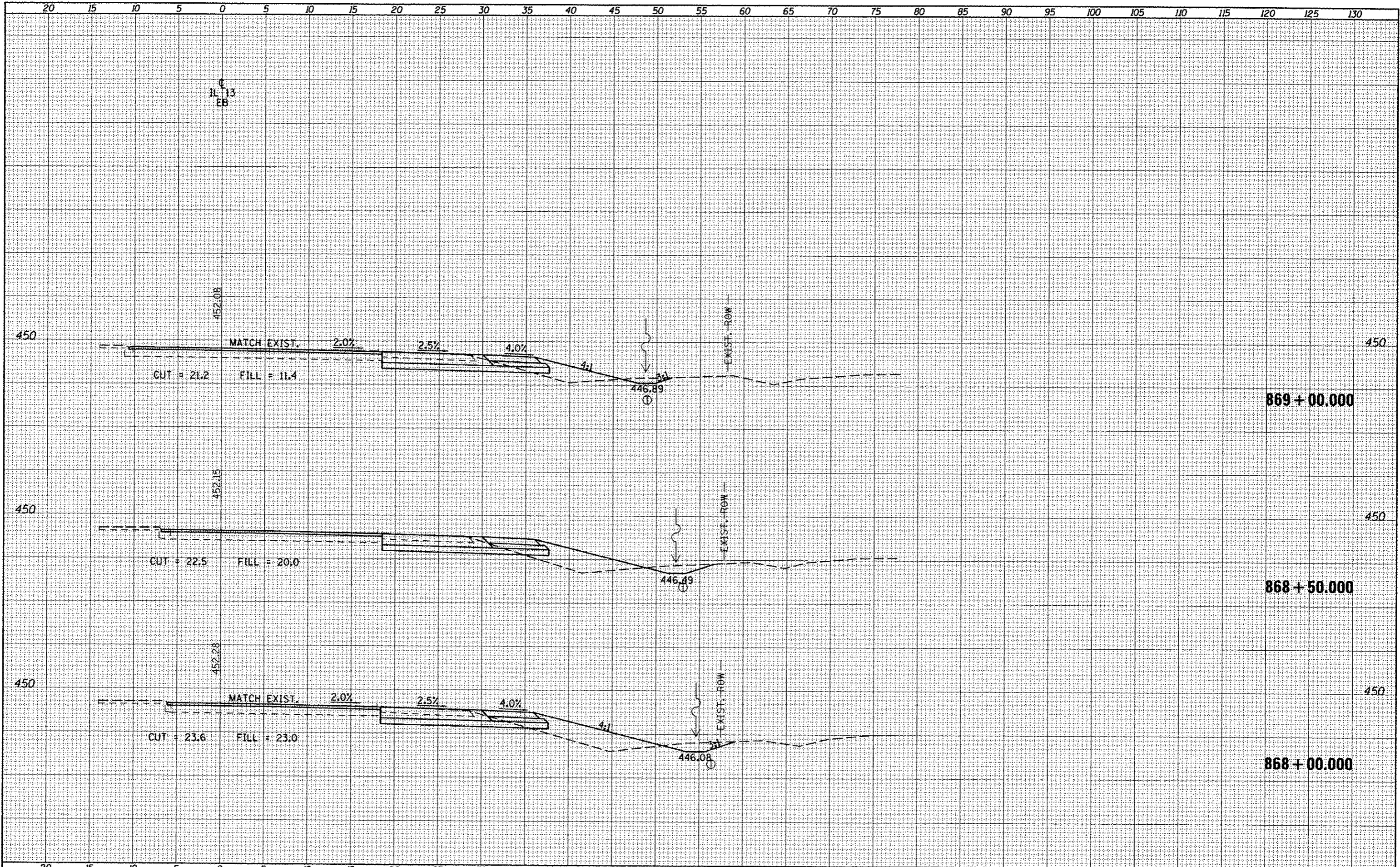
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cr\p_w\work\p\dot\shell\p\dot\28184451\78283-sh1-1.dgn		DRAWN -	REVISED -			331	11X-11R-5-RS-3-N-5-TS-4	WILLIAMSON	288	159	
PLOT SCALE = 10,0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 78203					
PLOT DATE = 5/11/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET OF SHEETS		STA. 867+20.354 TO STA. 867+50.000			

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NOTE BOOK	
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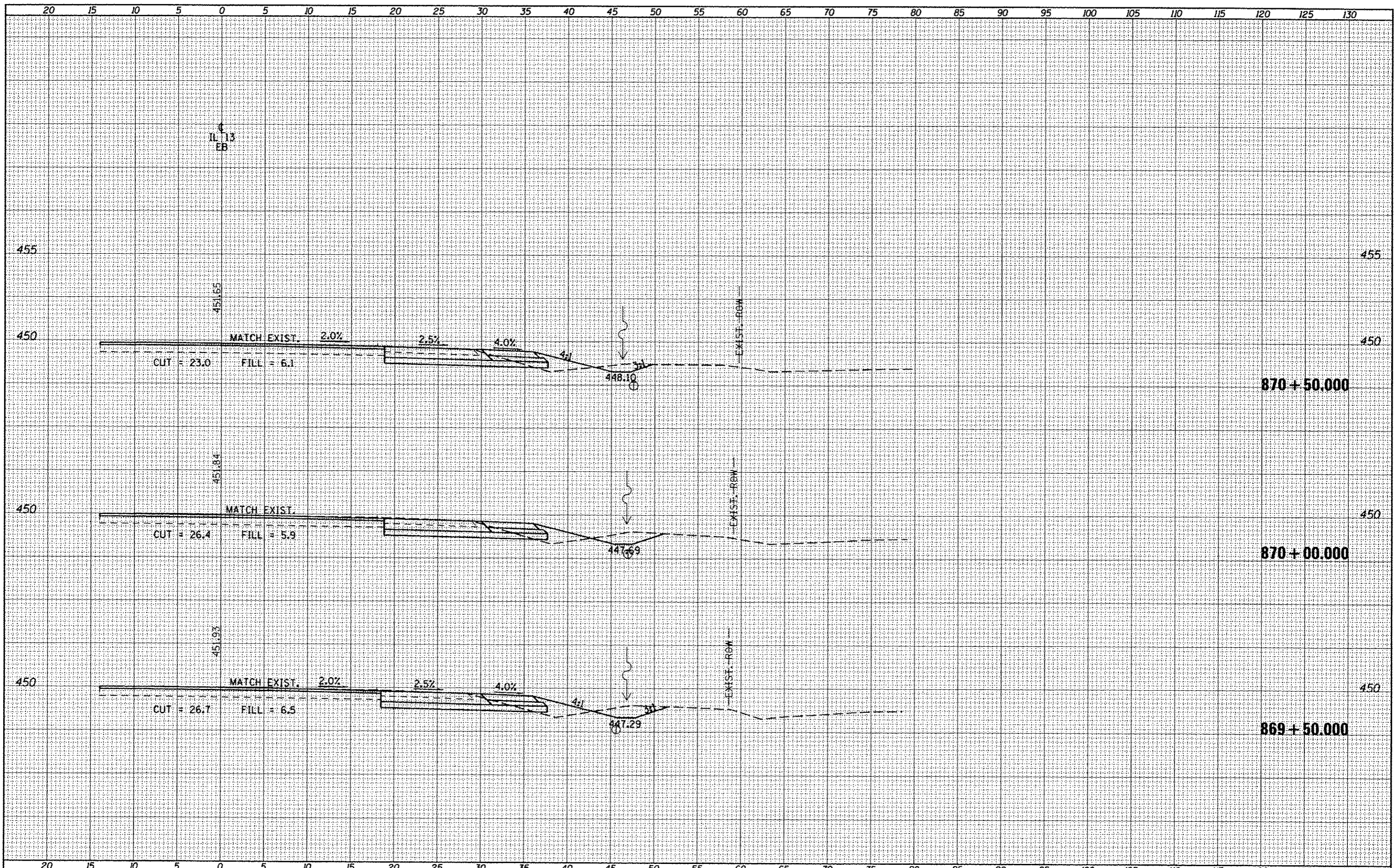
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PLOT SCALE = 10.0000' / in.				SCALE: SHEET OF SHEETS STA. 868+00.000 TO STA. 869+00.000				CONTRACT NO. 78203				
PLOT DATE = 5/11/2012								ILLINOIS FED. AID PROJECT				

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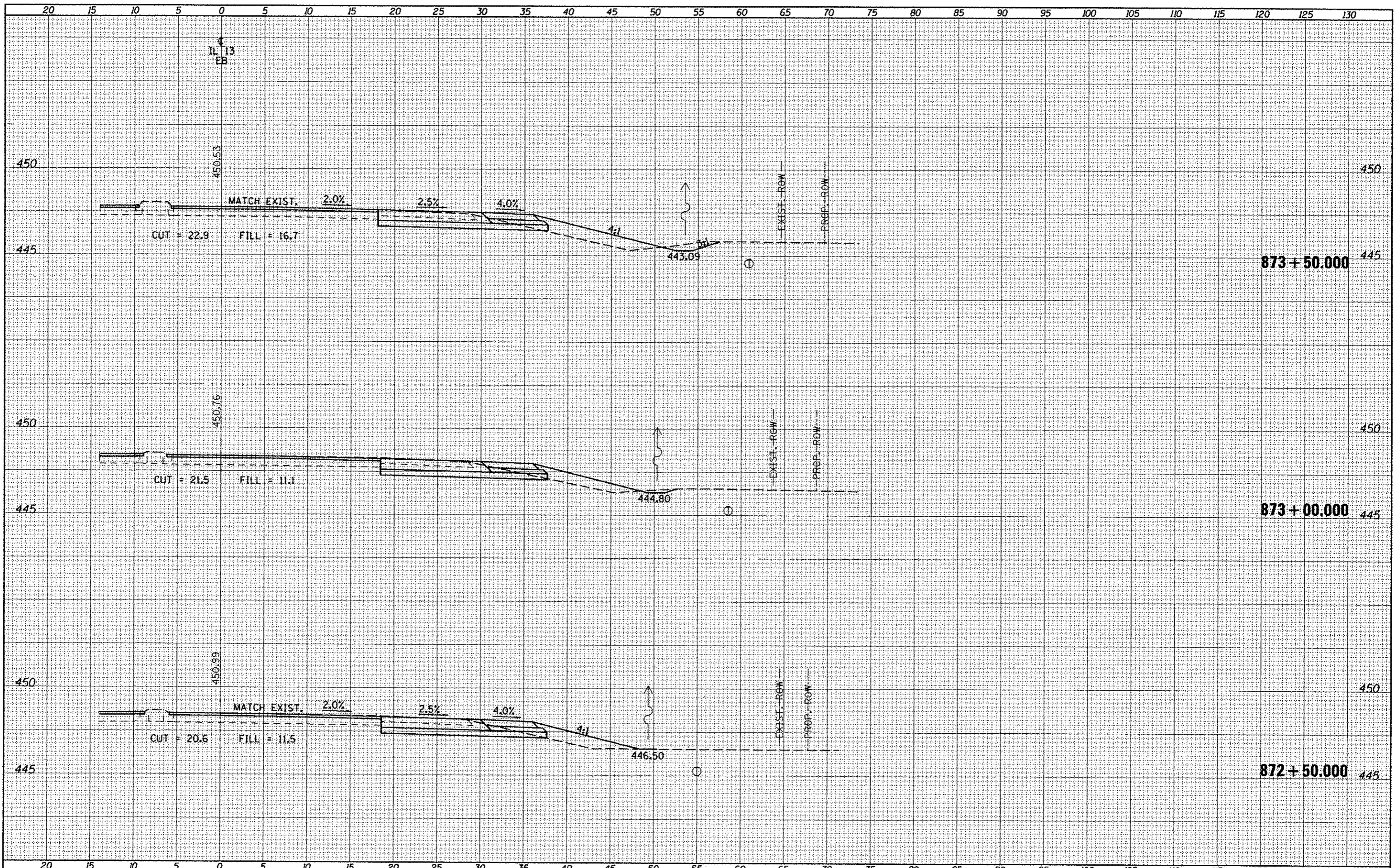
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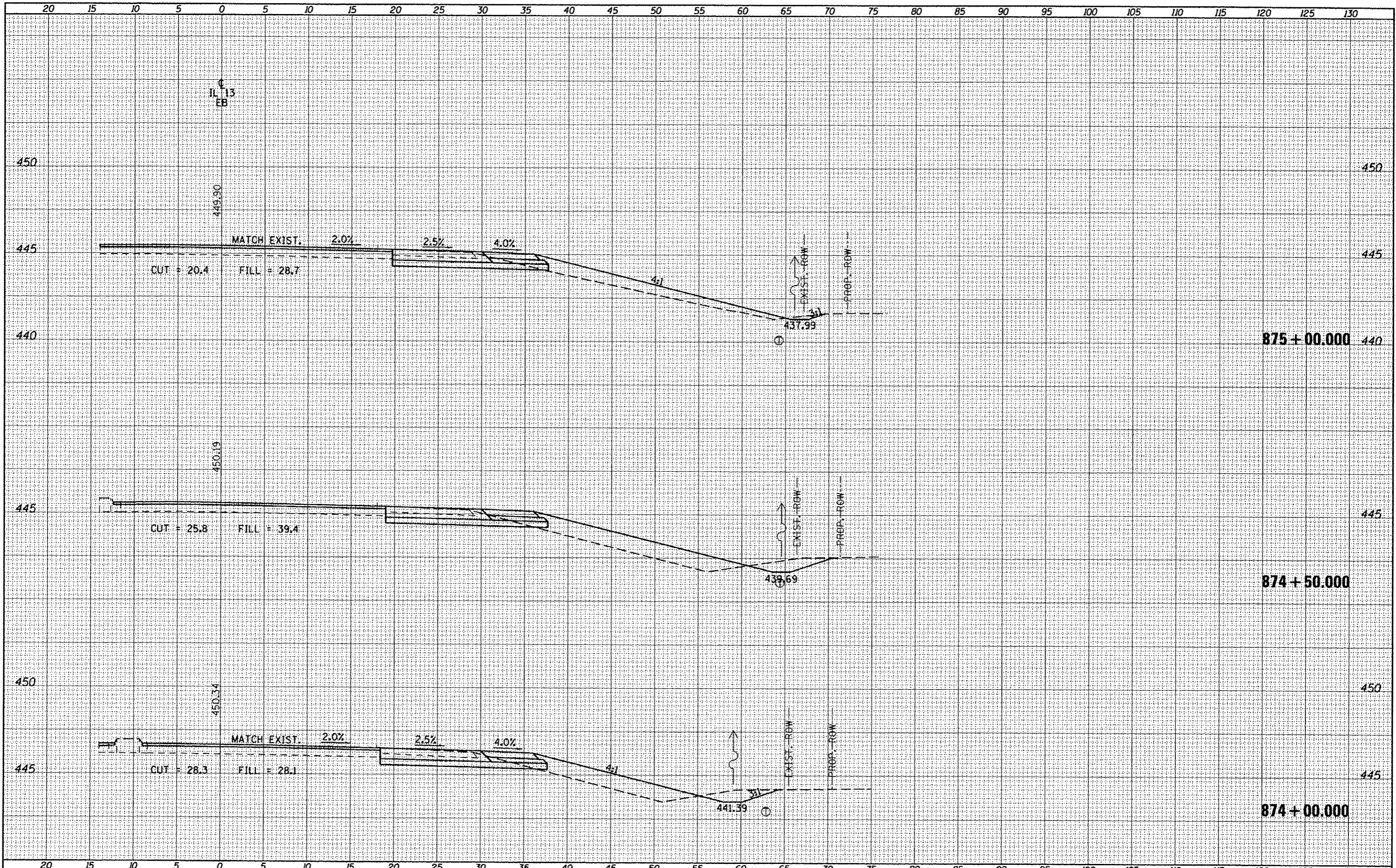
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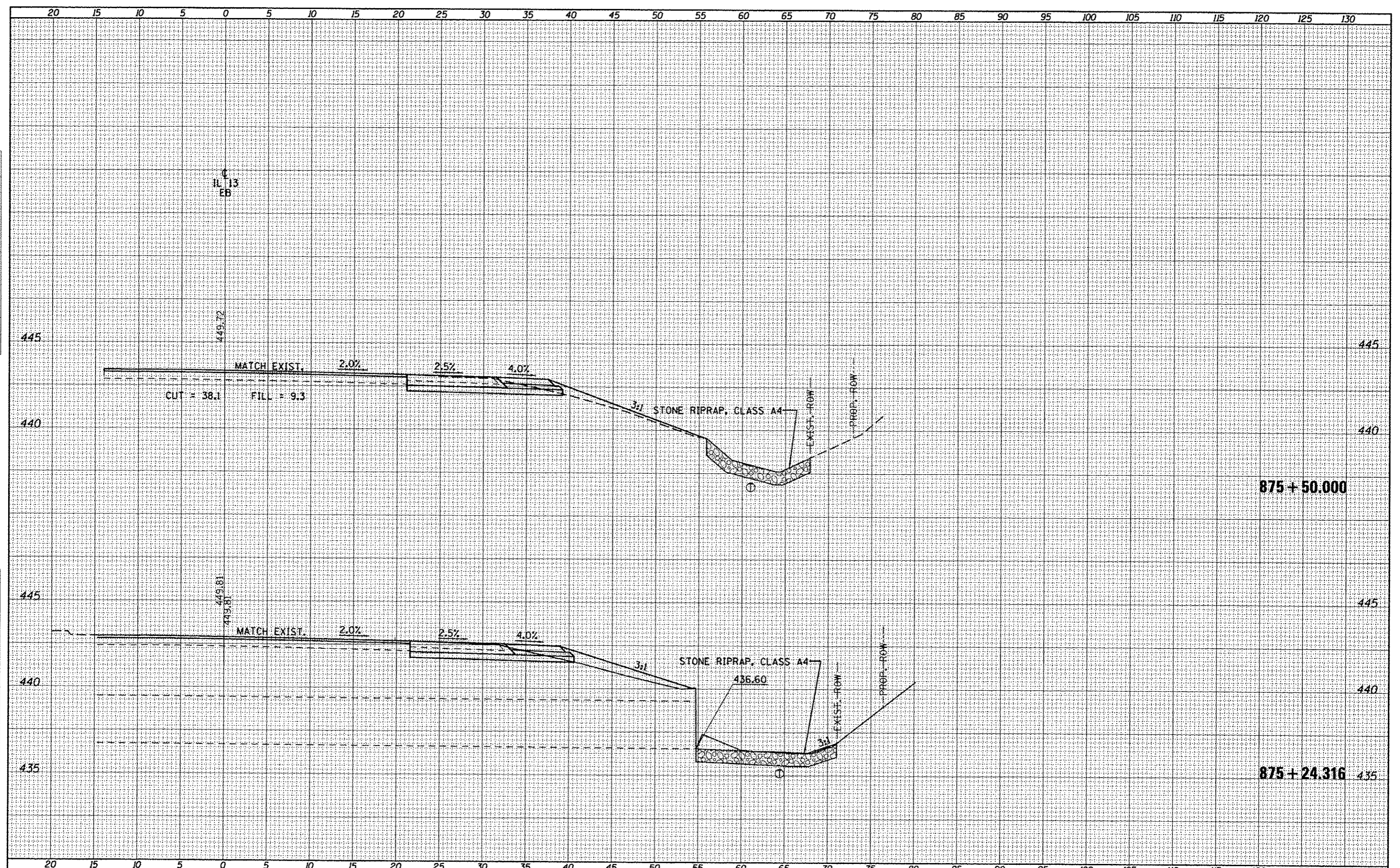
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DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

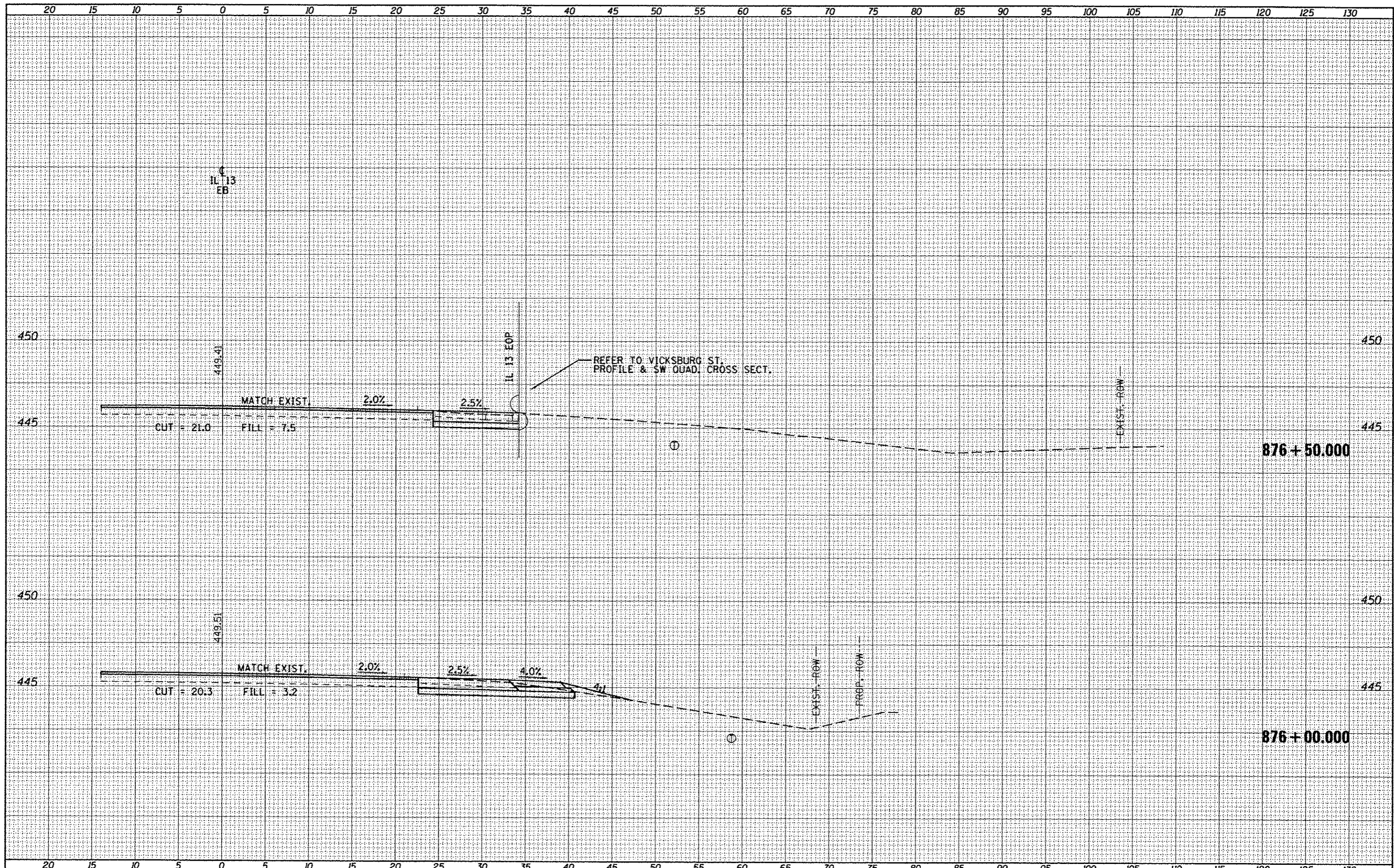
CROSS SECTIONS - IL 13 EASTBOUND

SCALE: SHEET OF SHEETS STA. 875+24.316 TO STA. 875+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT				

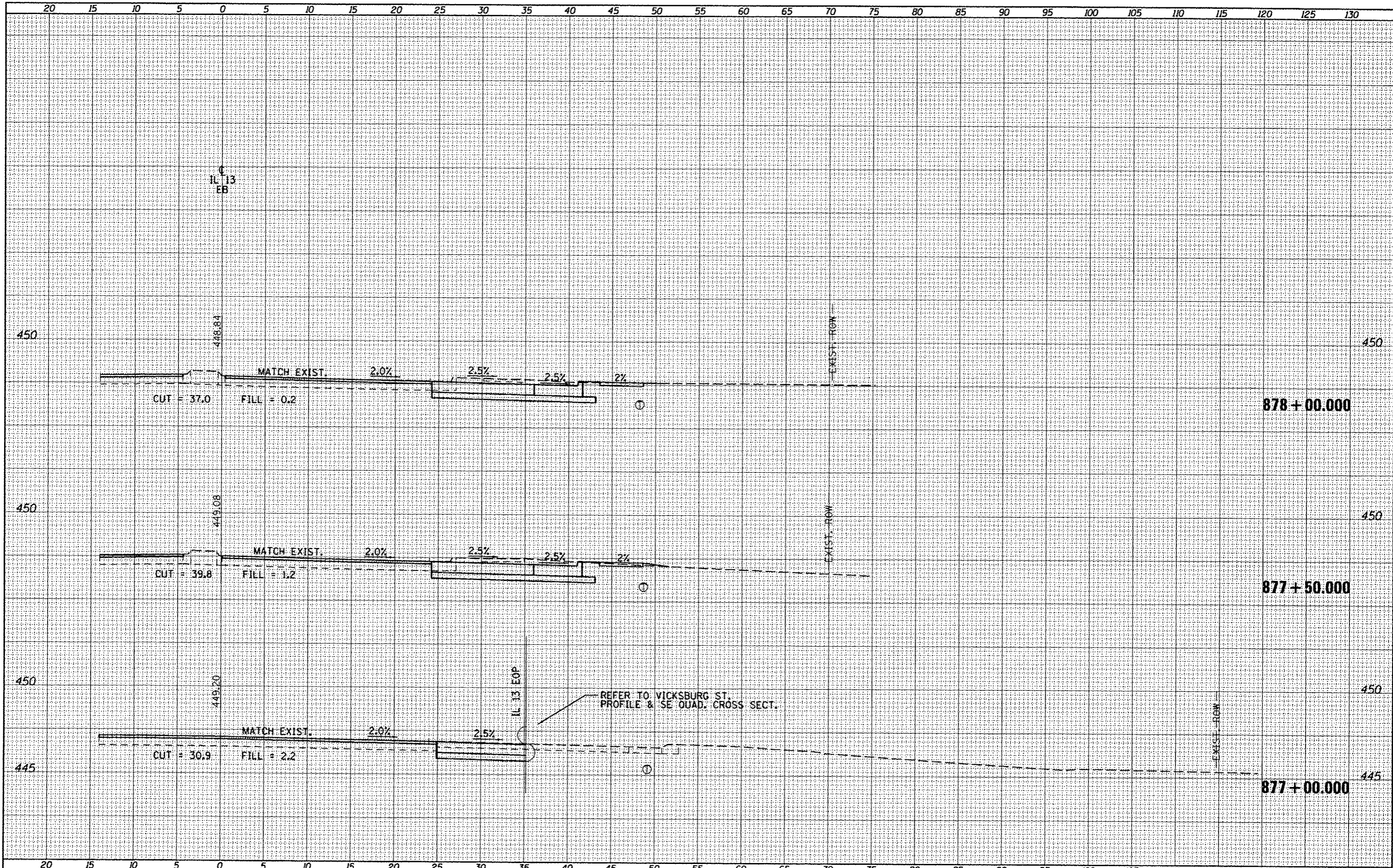
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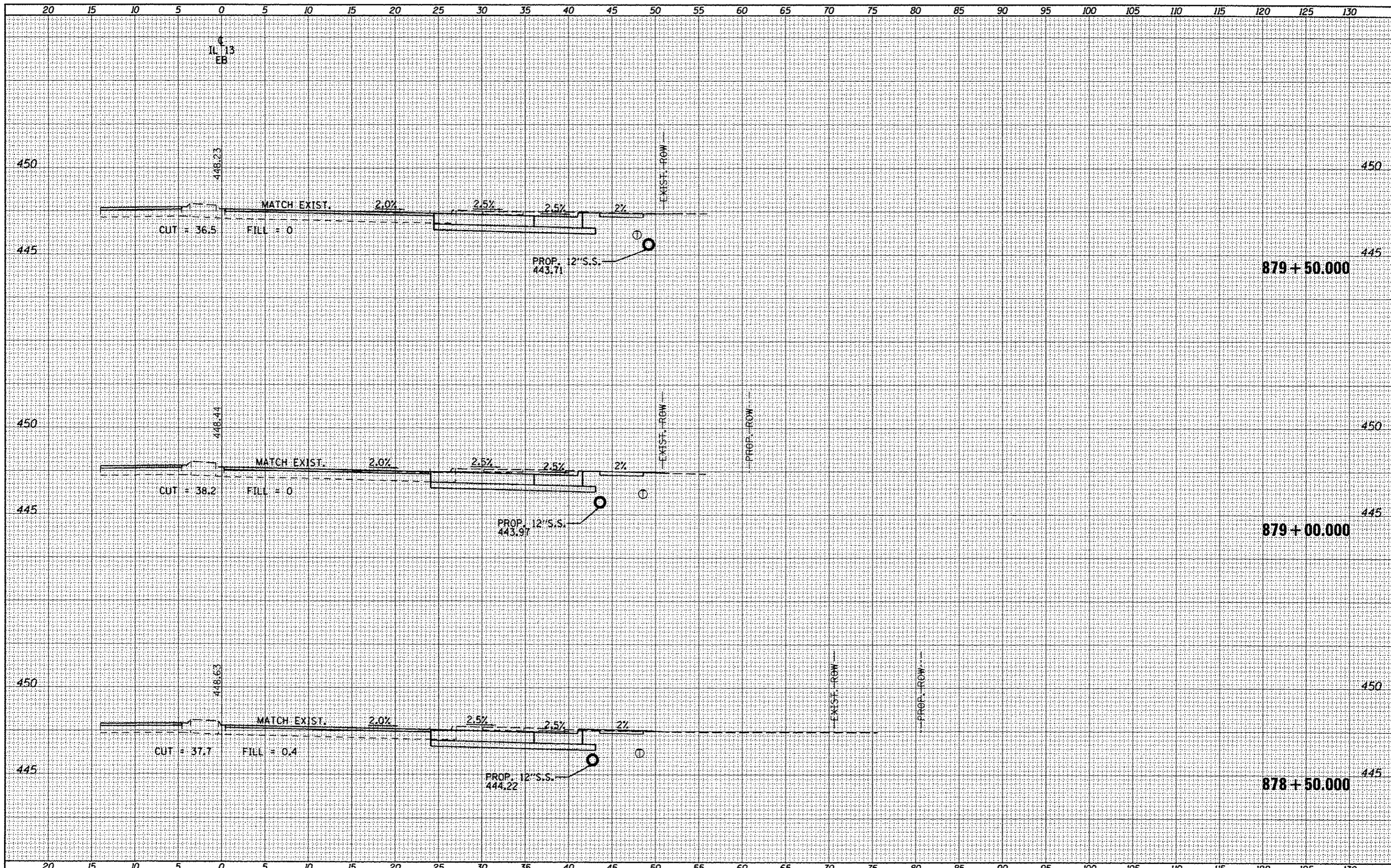
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		CHECKED -	REVISED -				167
		DATE -	REVISED -				CONTRACT NO. 78203
							ILLINOIS FED. AID PROJECT
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS SECTIONS - IL 13 EASTBOUND			SCALE: SHEET OF SHEETS STA. 877+00.000 TO STA. 878+00.000		

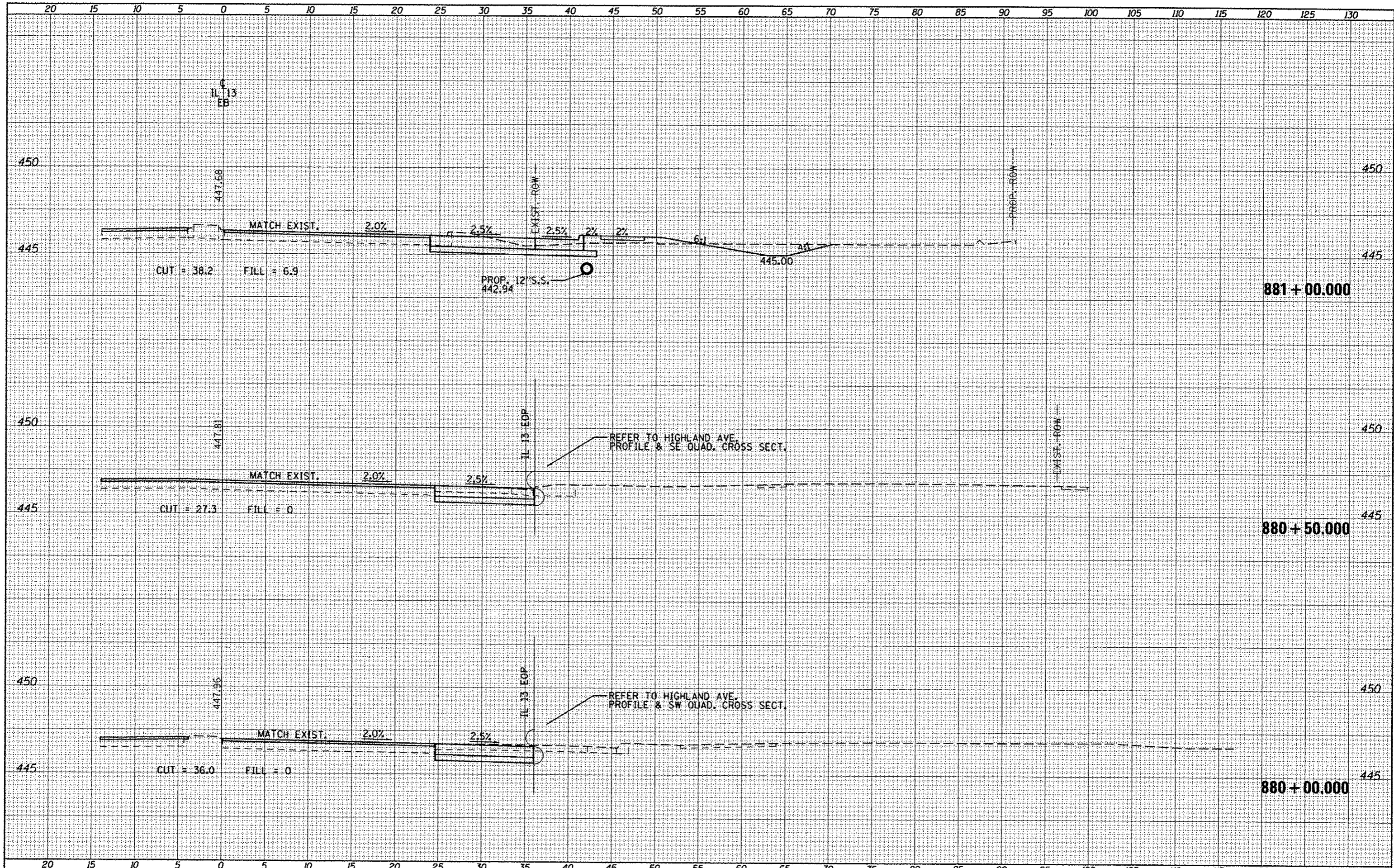
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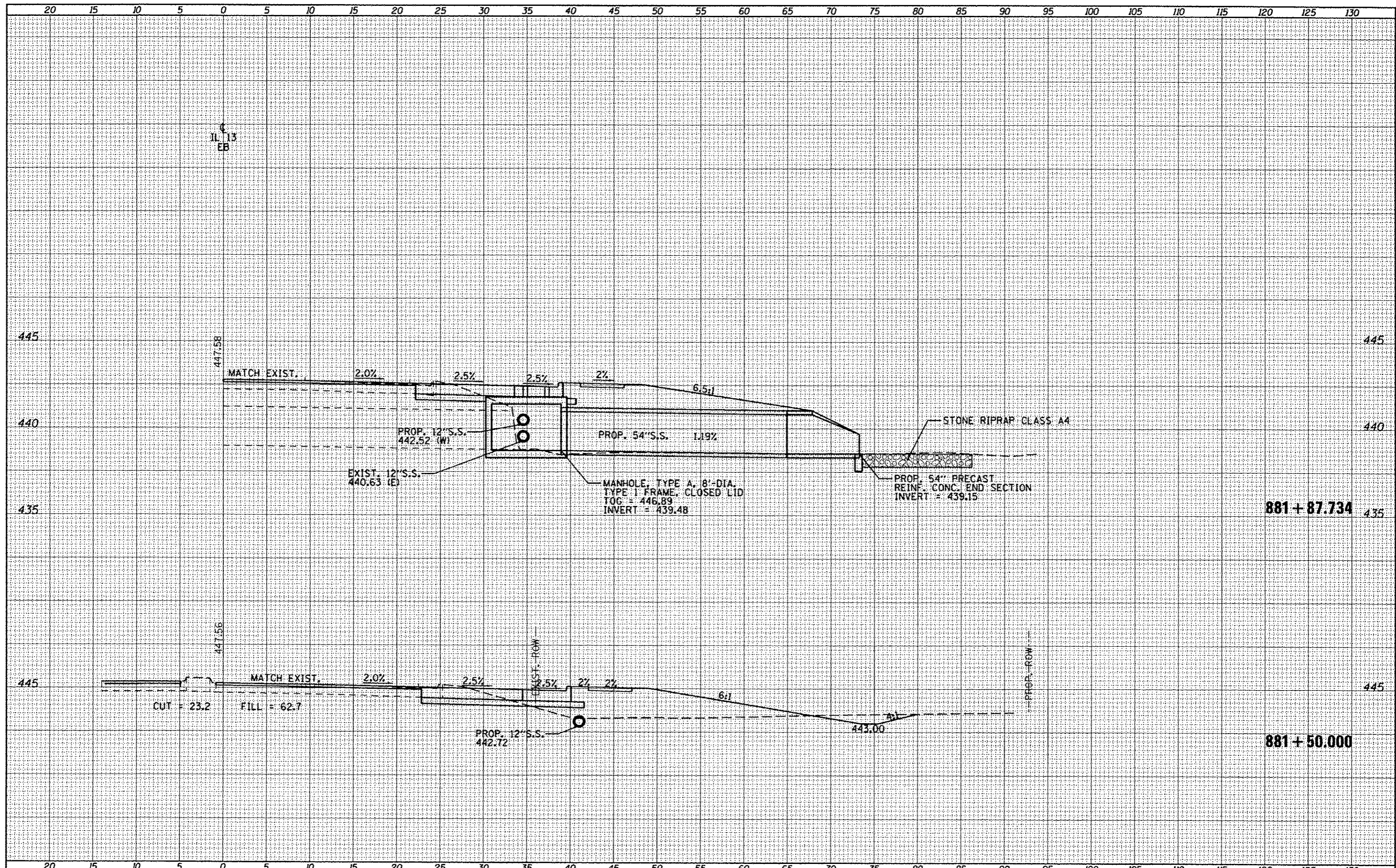
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 1/8" = 10' / 1" = 100'				SCALE:		SHEET OF SHEETS STA. 880+00.00 TO STA. 881+00.00					

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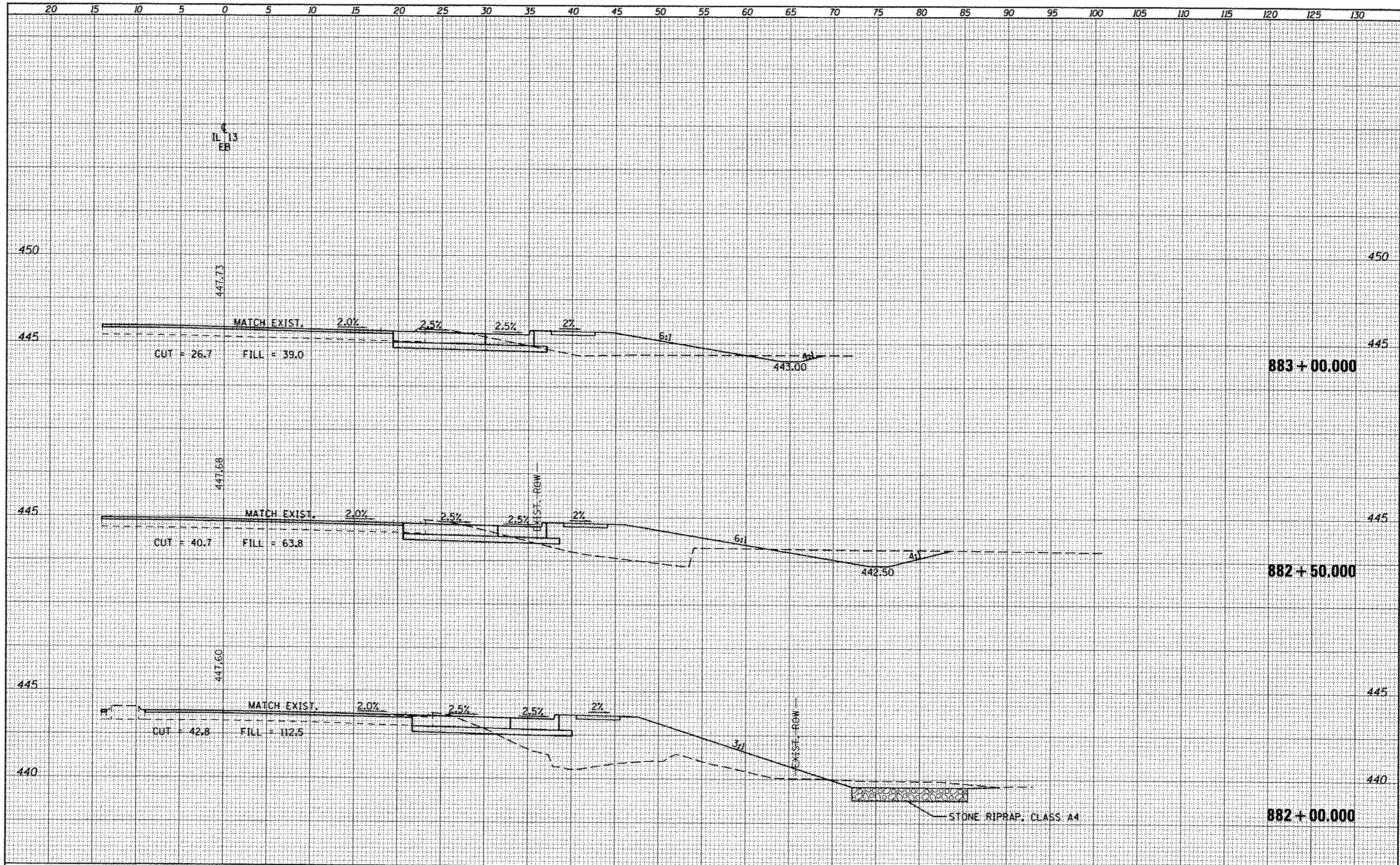
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS - IL 13 EASTBOUND				
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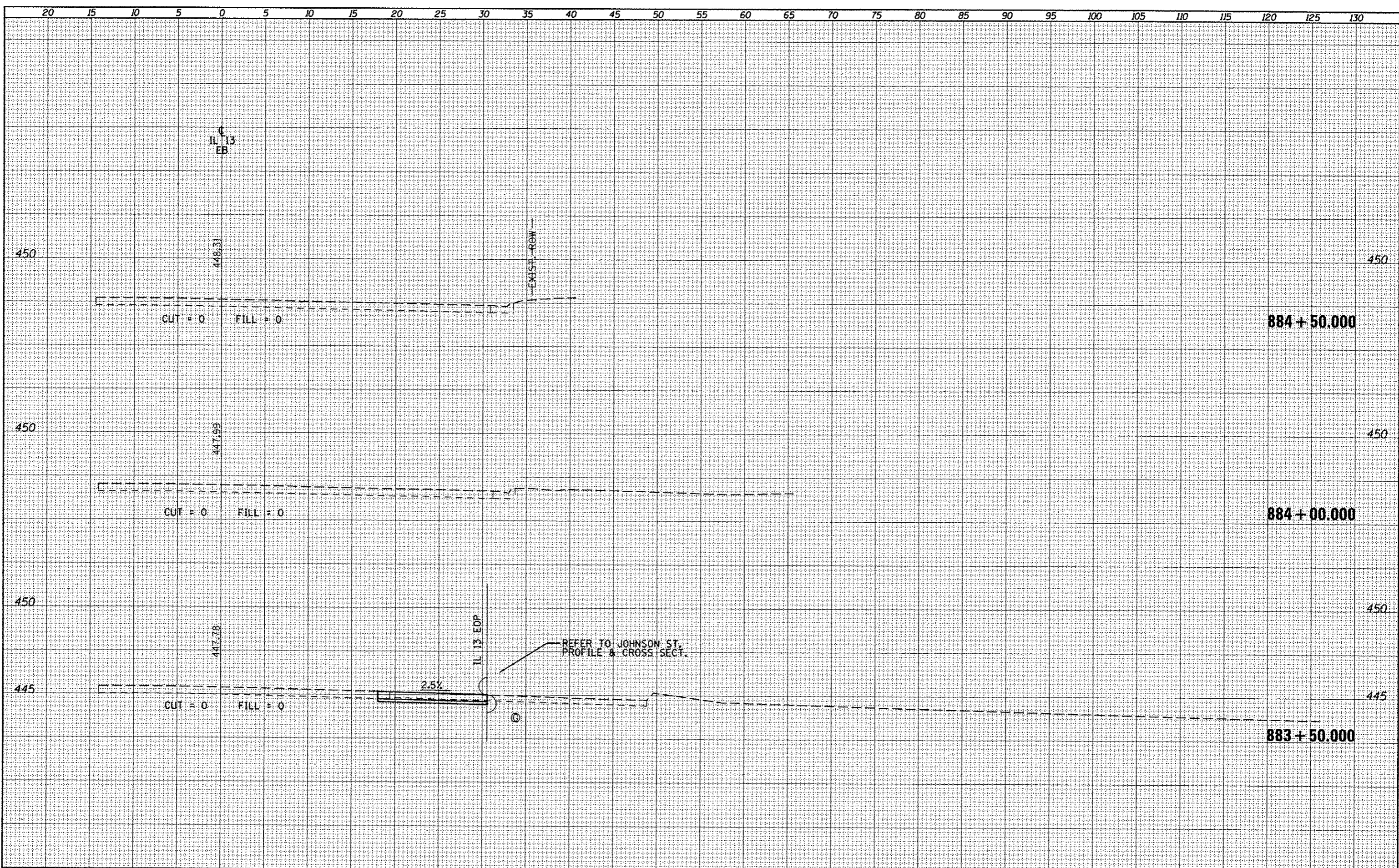
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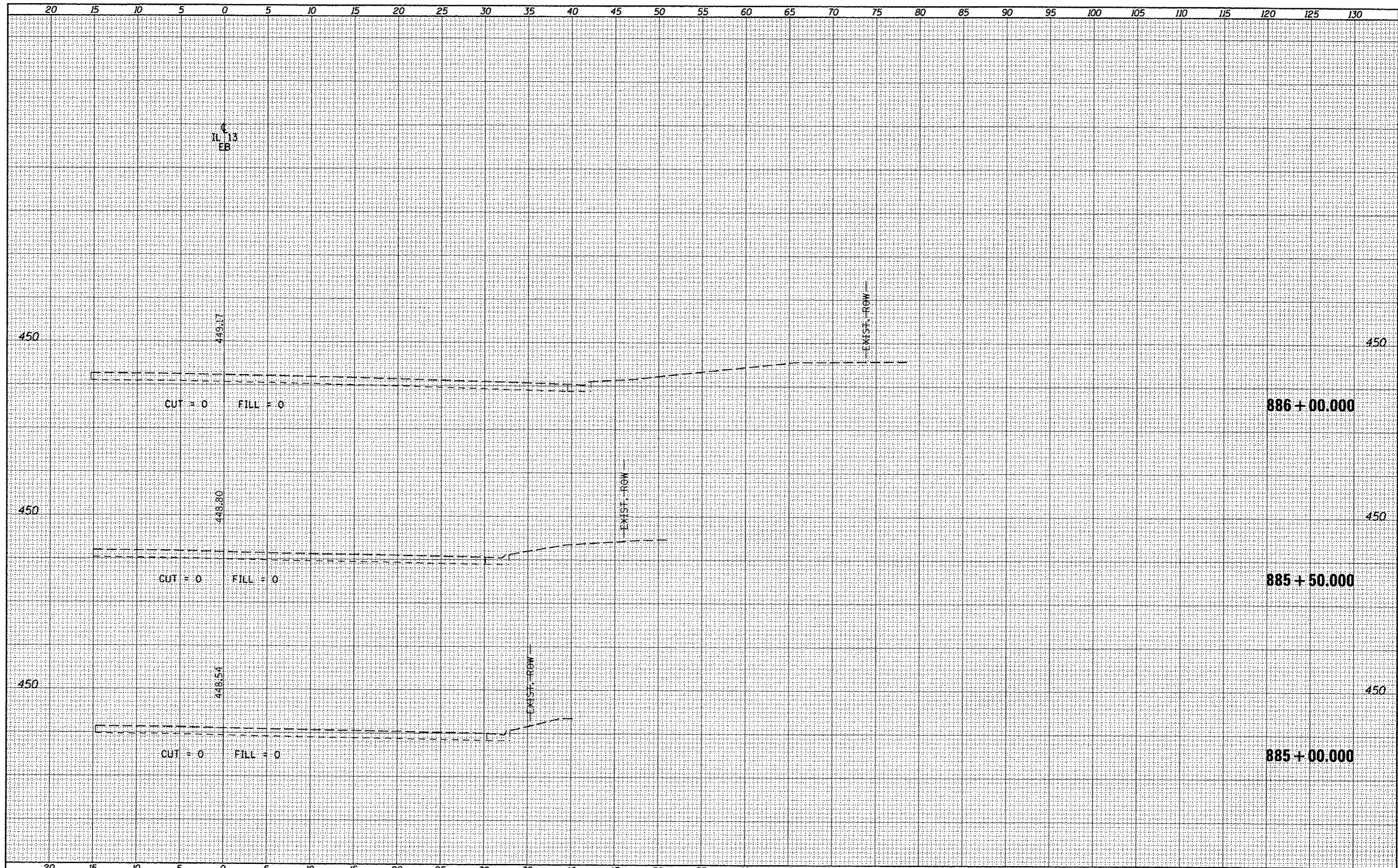
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NO.	



FILE NAME =	USER NAME = #USER4	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 EASTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pw\work\p\rdot\kellyka\d018449\178283-eh-t	ka.dgn	DRAWN -	REVISED -		331	IX-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	172				
		PLT SCALE = 18.8888' / in.	REVISED -		CONTRACT NO. 78203								
		PLT DATE = 5/11/2012	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
BY	
FINL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

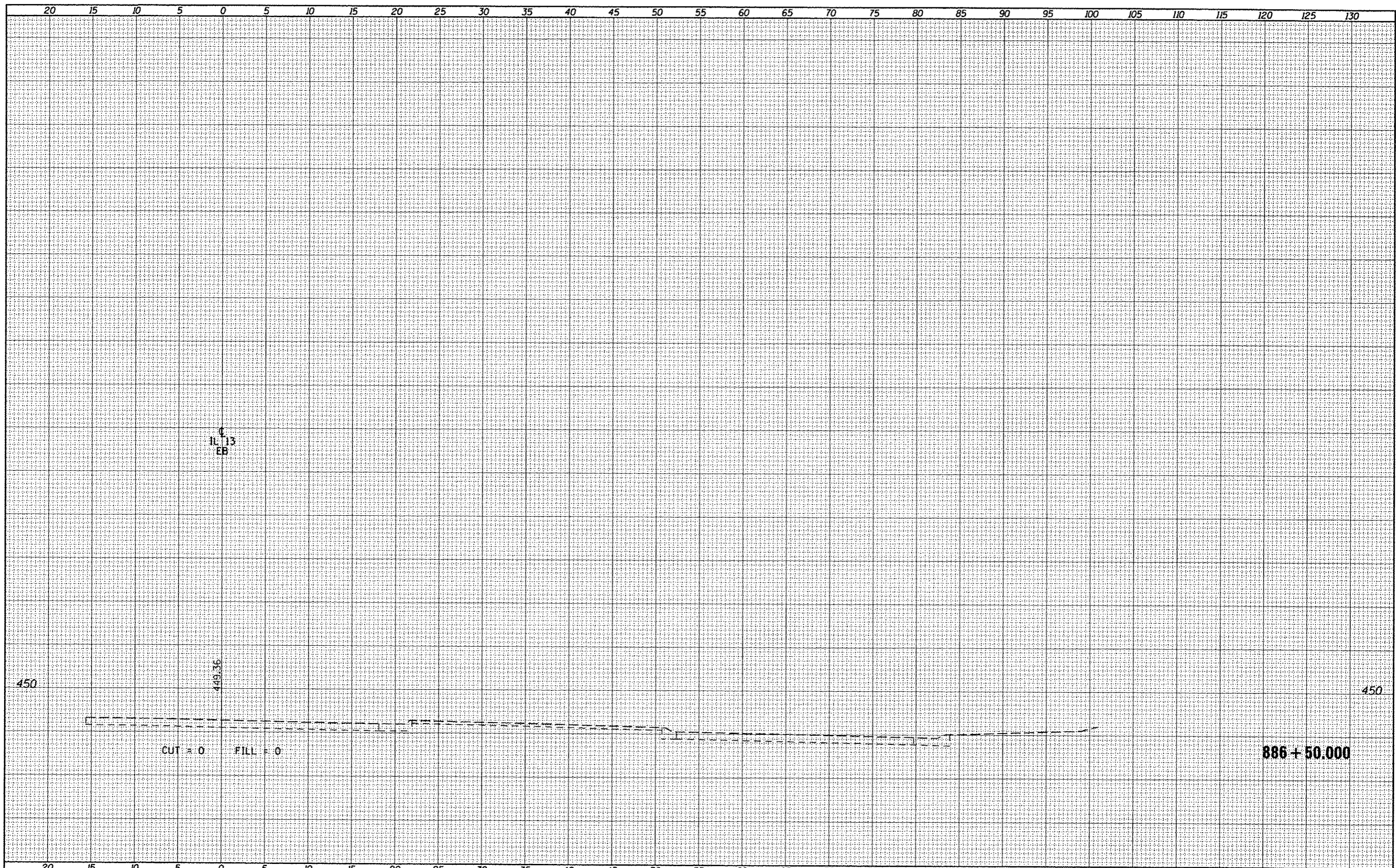
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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c:\pwork\puidot\kellykd\818445\178203-sh1.dgn		DRAWN -	REVISED -			331	(1X-1R-5,RS-3,N-5,TS-4)	WILLIAMSON	288	173	
	PLOT SCALE = 18,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78203		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/11/2012	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. 885+00.000 TO STA. 886+00.000			

DATE	
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NOTE BOOK	
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AREAS CHECKED	

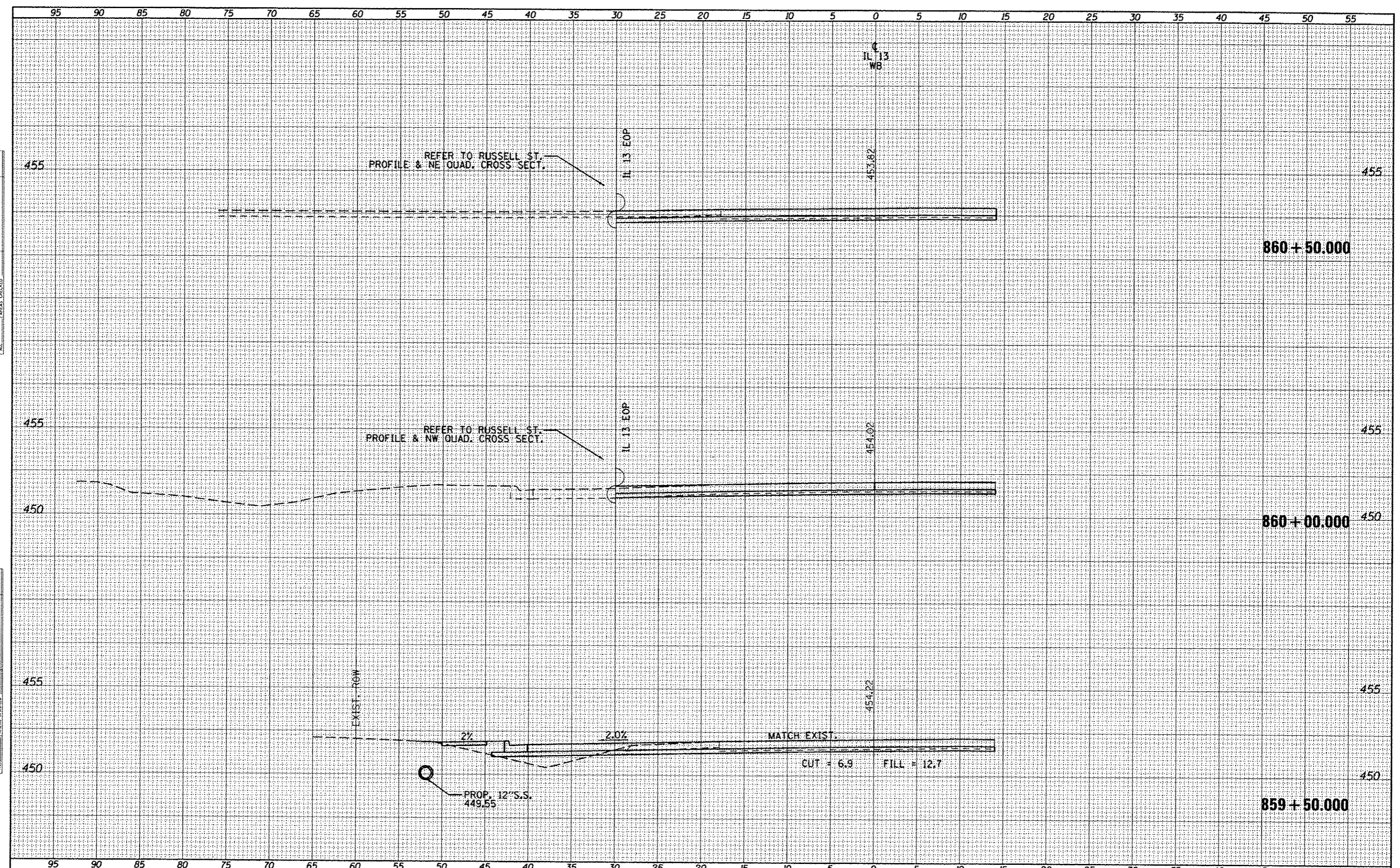
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NOTE BOOK	
TEMP. #	
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FILE NAME :	USER NAME :	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 EASTBOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pr-work\pudot\kelly\ad\84451\78203-ct-1	USER	DRAWN -	REVISED -				331	(1X-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	174		
		CHECKED -	REVISED -				SCALE:		SHEET OF SHEETS		STA. 886+50.000 TO STA. 886+50.000	CONTRACT NO. 78203	
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT		

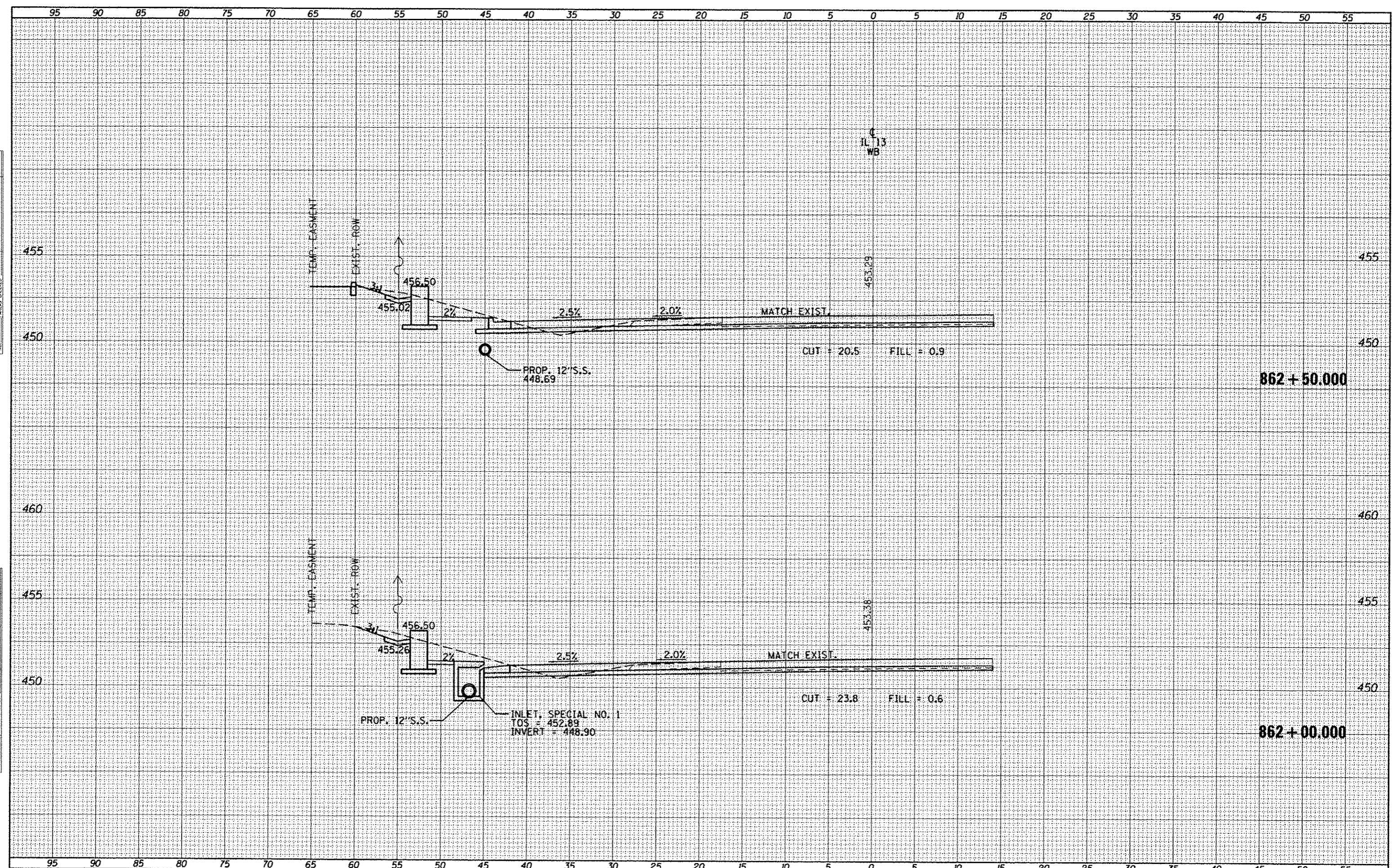
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NOTE BOOK	PLOTTED
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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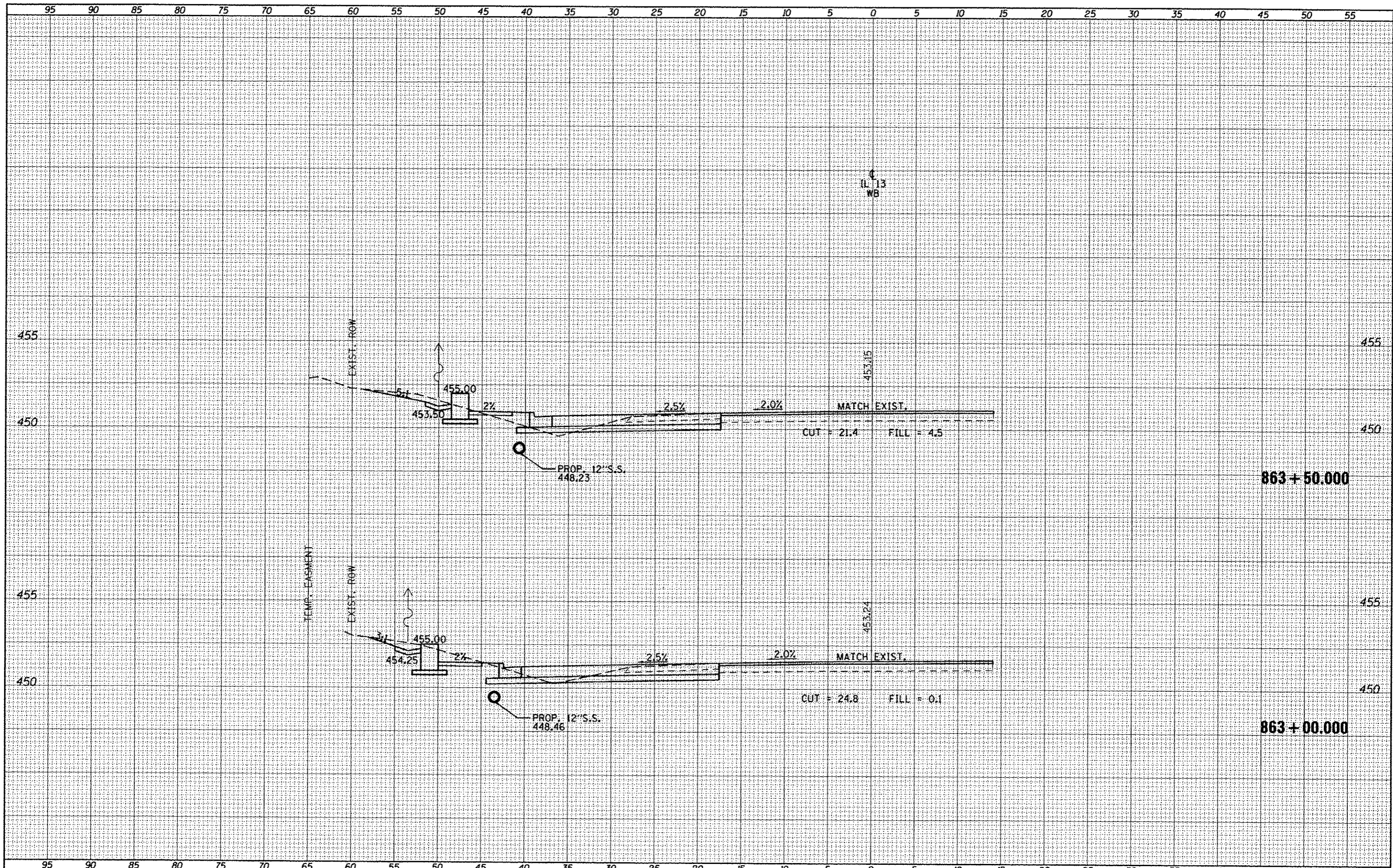
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NO.	
AREAS CHECKED	



FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 WESTBOUND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\dot\kelly\ad\8184451\78283-sh1-1	ks.dgn	DRAWN -	REVISED -			331	(IX-1R-5,RS-3,N-5,TS-4	WILLIAMSON	288	178	
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 78203					
PLOT DATE = 5/11/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

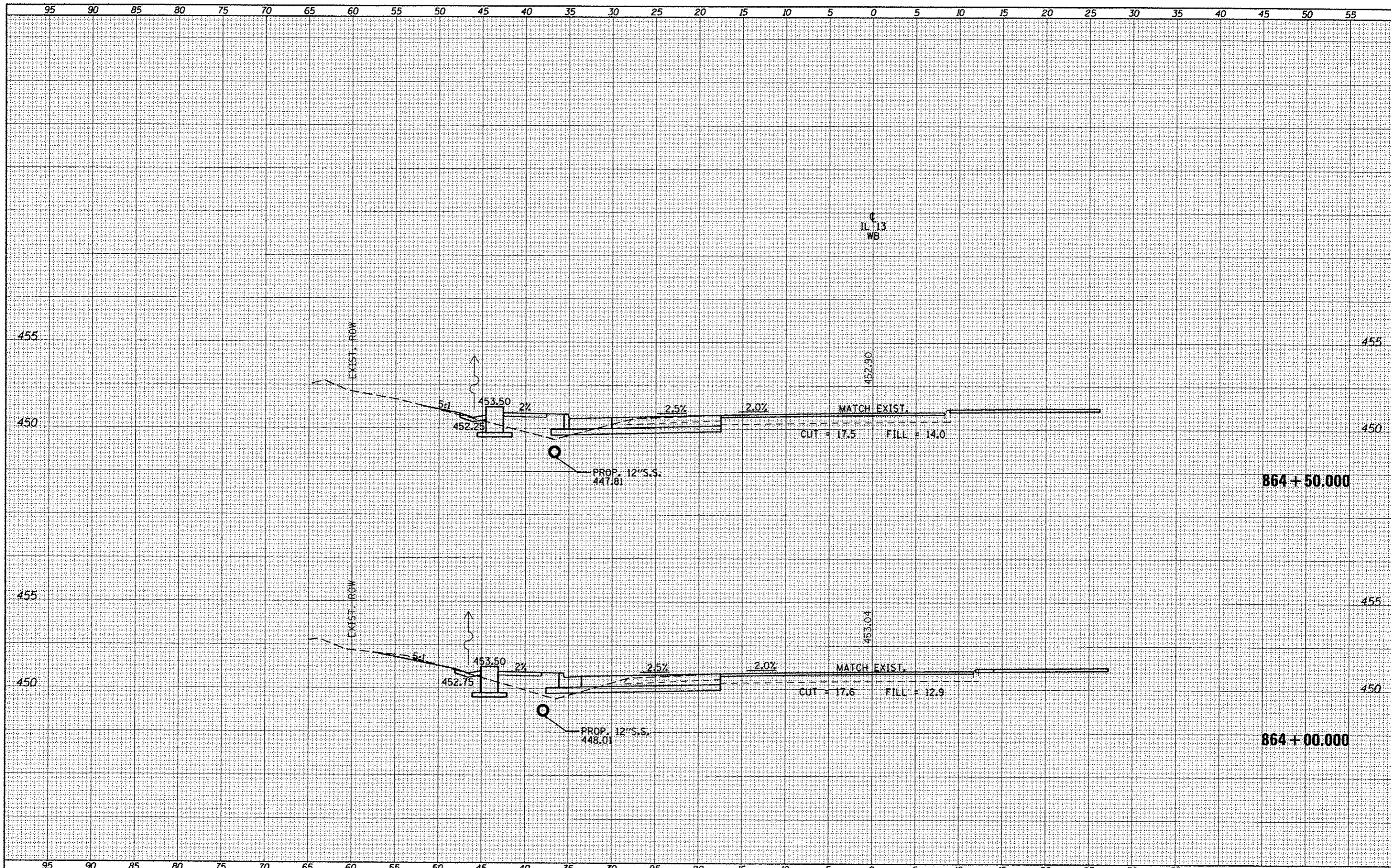
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NOTE BOOK	
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AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
TEMP. PLATE	
AREAS CHECKED	
NO.	



FINAL SURVEY	BY	DATE
DESIGNED		
PLOTTED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
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PLOT SCALE = 10.0000' / in.
 PLOT DATE = 5/11/2012

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

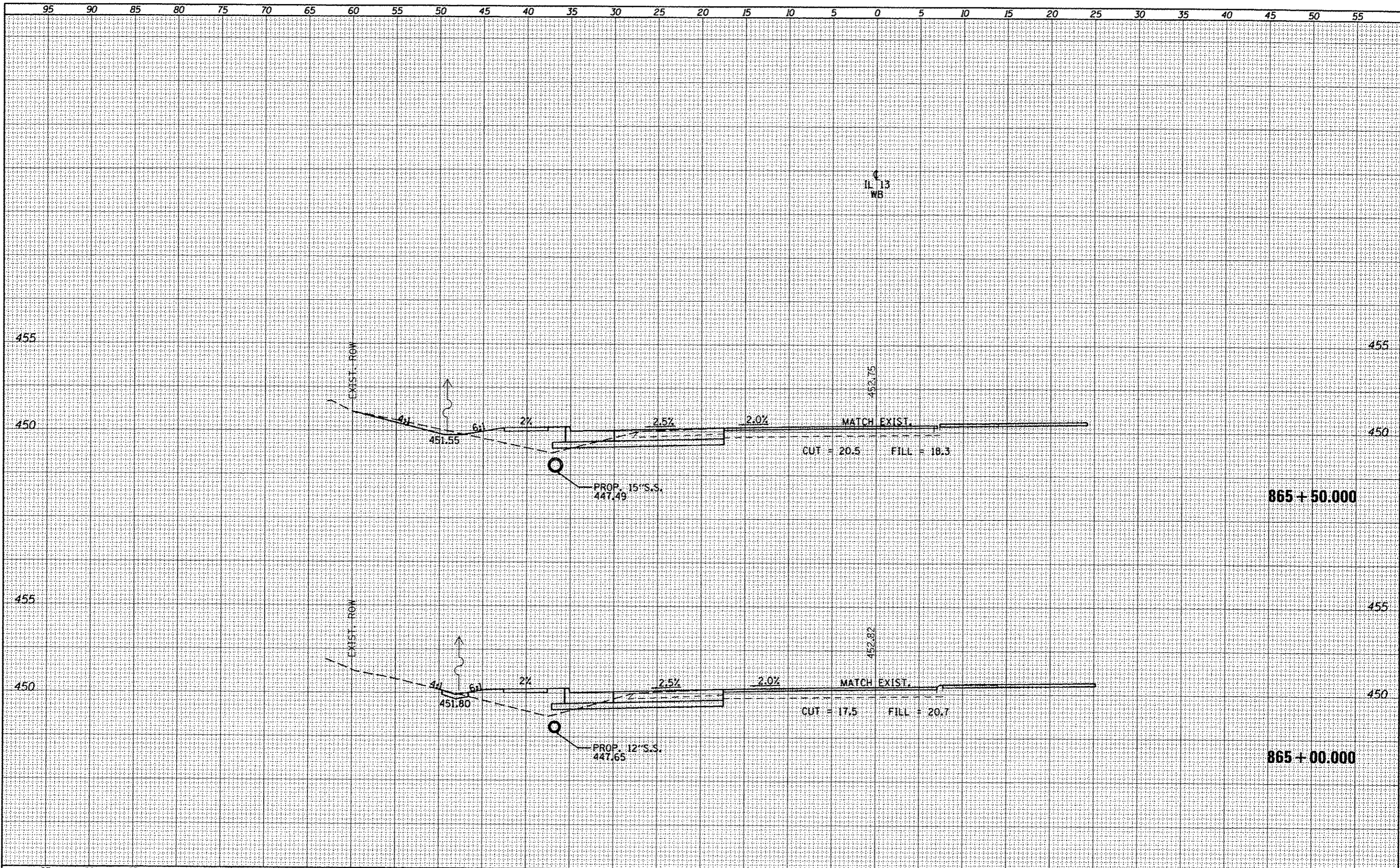
CROSS SECTIONS - IL 13 WESTBOUND

SCALE: SHEET OF SHEETS STA. 864+00.000 TO STA. 864+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1)R-5,RS-3,N-5,TS-4	WILLIAMSON	288	180
CONTRACT NO. 78203			ILLINOIS FED. AID PROJECT	

DATE	
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NOTE BOOK	
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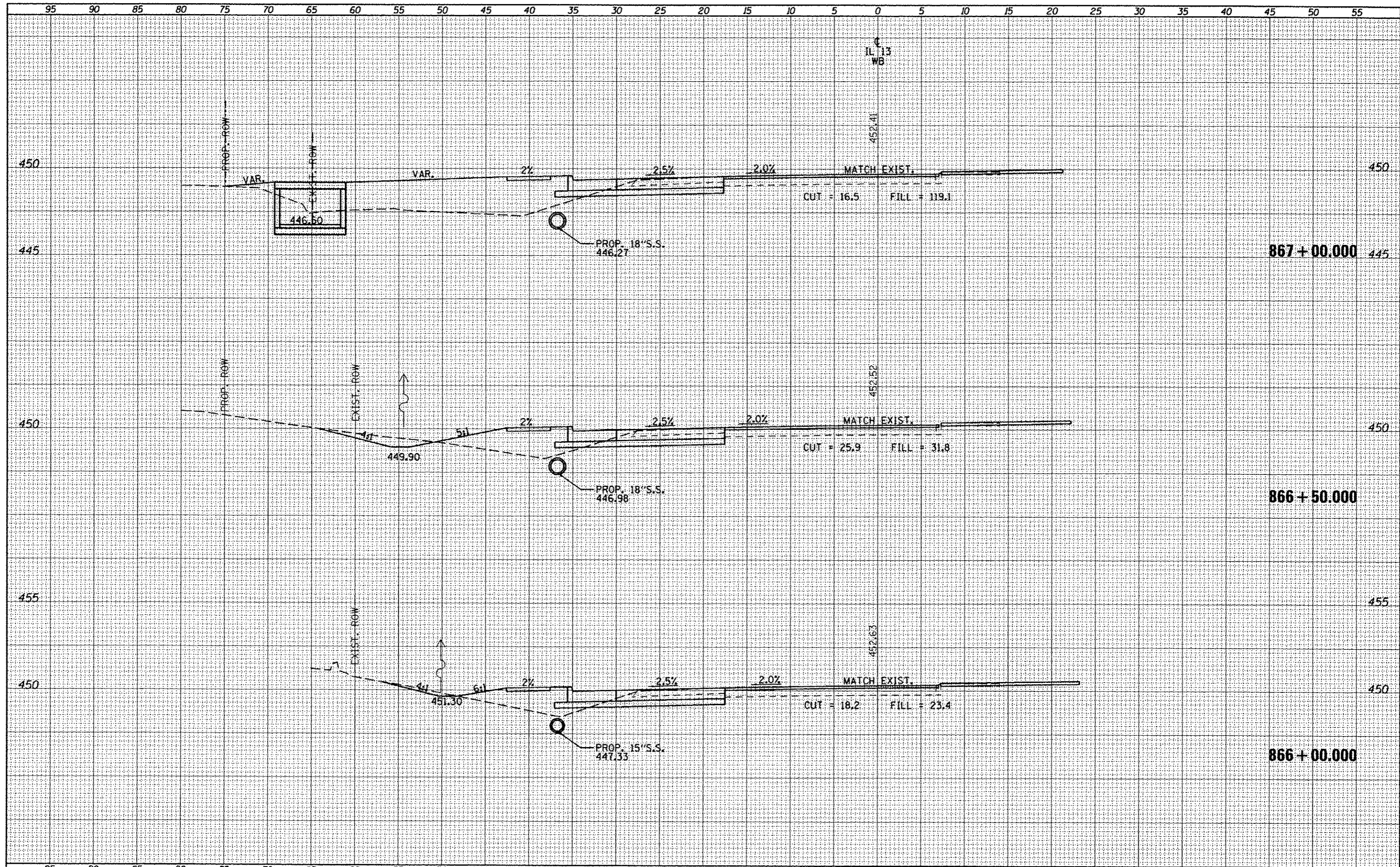
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NOTE BOOK	
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FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 WESTBOUND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 865+00.000	TO STA. 865+50.000	331	(IX-11R-5,RS-3,N-5,TS-4	WILLIAMSON	288	181
		CHECKED -	REVISED -												
		DATE -	REVISED -												
											CONTRACT NO. 78203				
ILLINOIS FED. AID PROJECT															

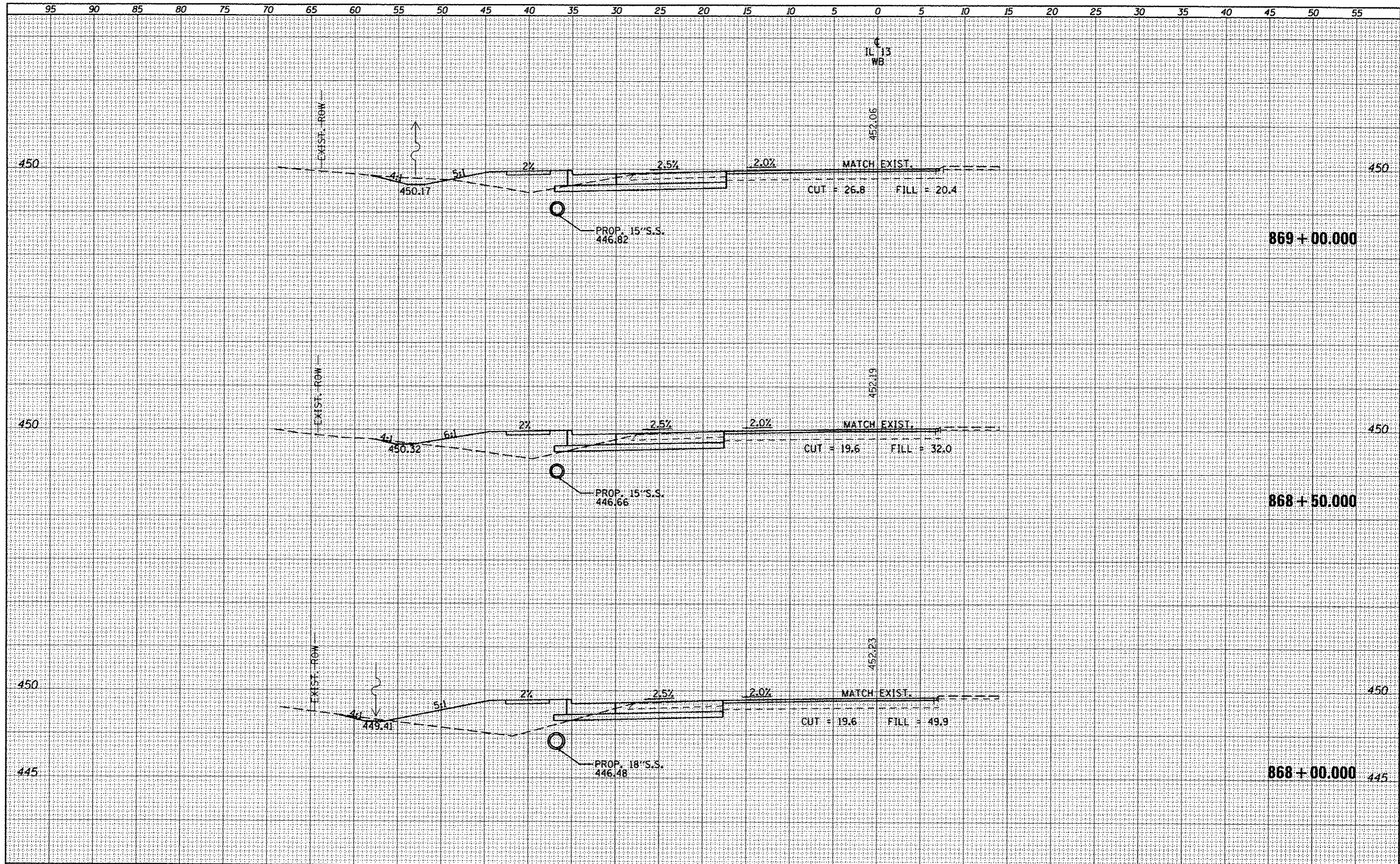
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NOTE BOOK	PLOTTED
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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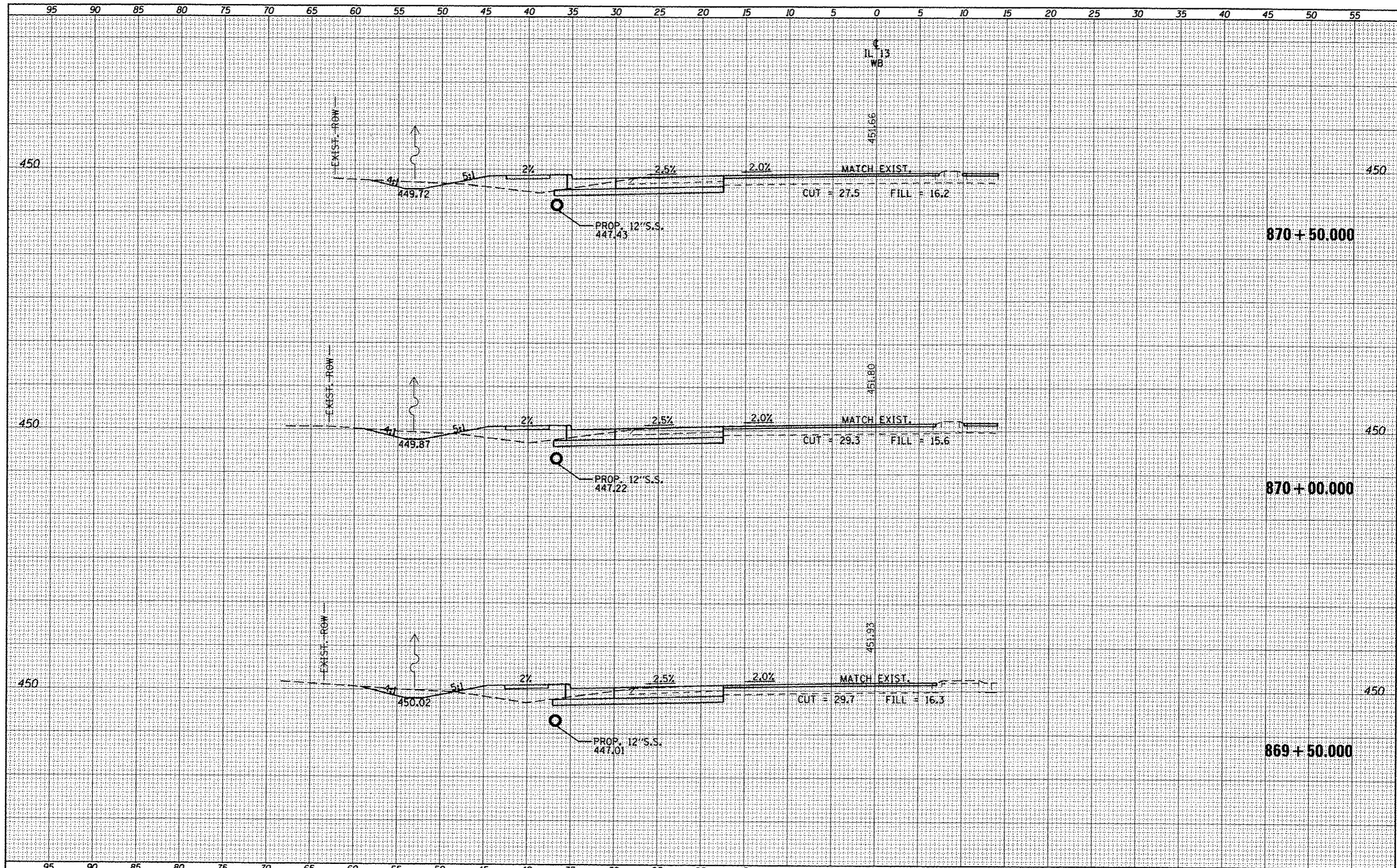
DATE	BY
SAVED	PLotted
NOTE BOOK	TEMPLATE
NO.	NO.

DATE	BY
SAVED	PLotted
NOTE BOOK	TEMPLATE
NO.	NO.



DATE	
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DATE	

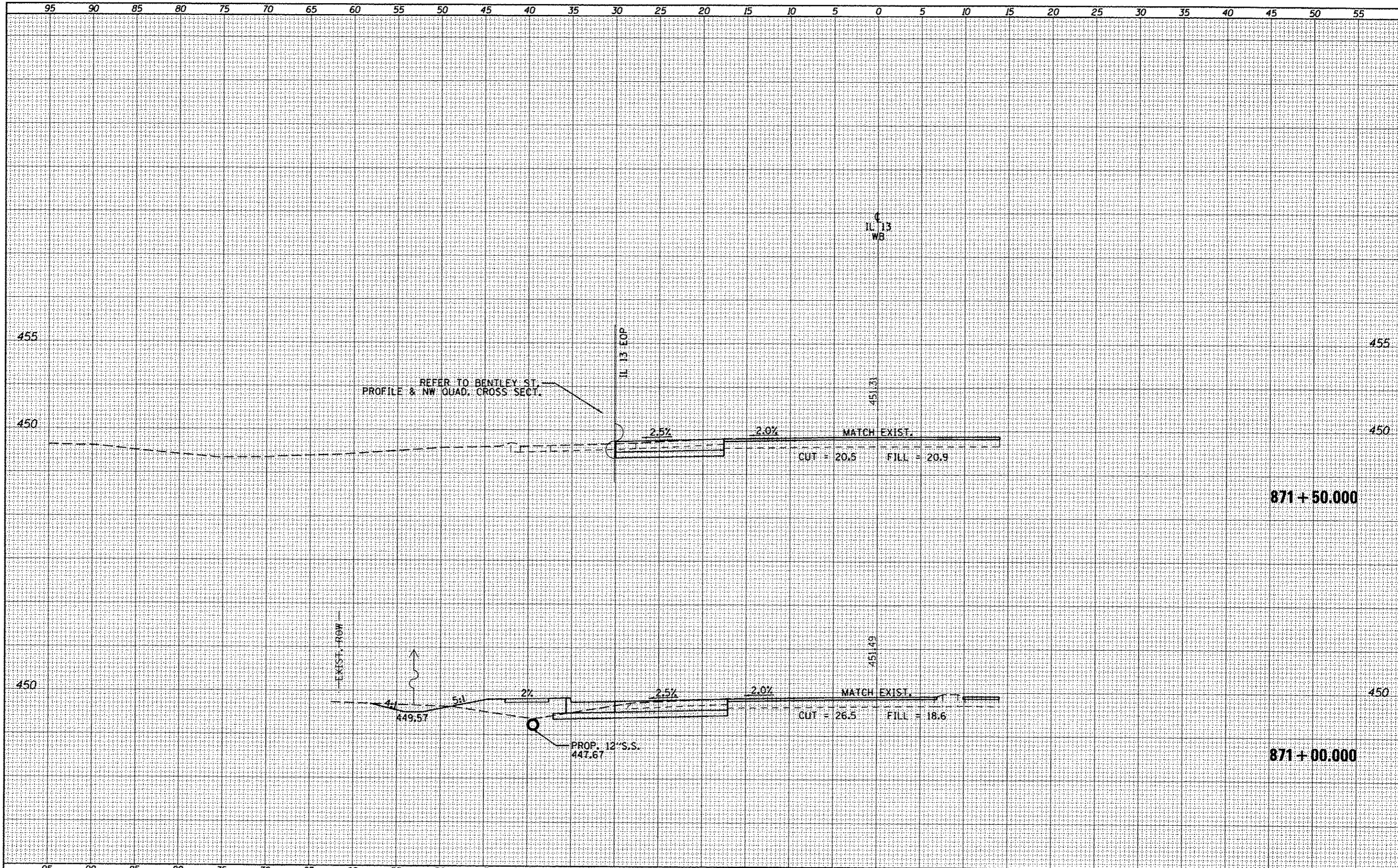
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FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 WESTBOUND				F.A.P. RTE. 331	SECTION (IX-1R-5,RS-3,N-5,TS-4)	COUNTY WILLIAMSON	TOTAL SHEETS 288	SHEET NO. 185
c:\pwwork\p\ridot\kellykd\08184451\78203-sht-1.dgn PLOT SCALE = 10.0000' / in. PLOT DATE = 5/11/2012	DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED -	SCALE:										

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 PLOT DATE = 5/11/2012

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - IL 13 WESTBOUND

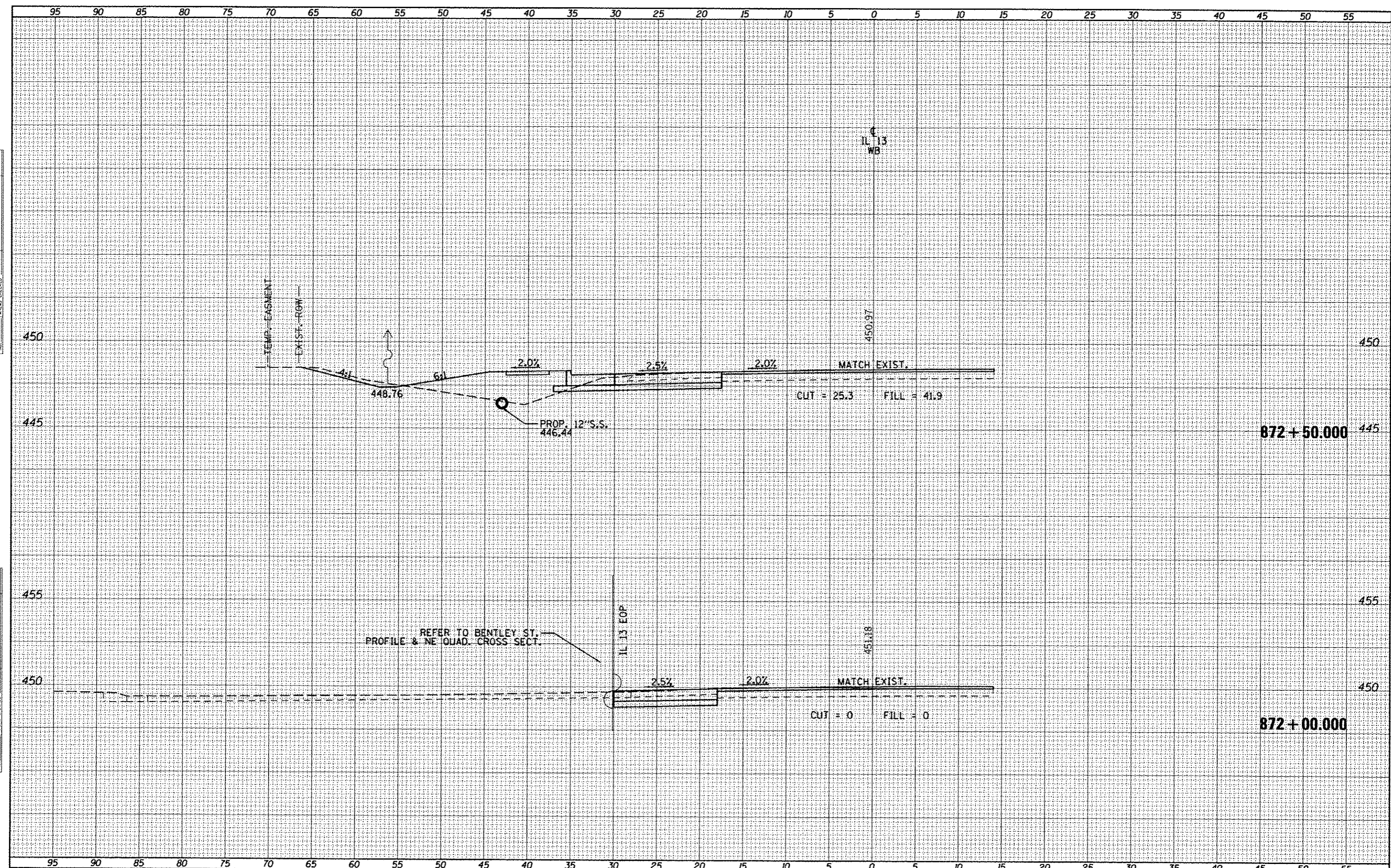
SCALE: SHEET OF SHEETS STA. 871+00.000 TO STA. 871+50.000

P.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	01X-DR-5,RS-3,N-5,TS-4	WILLIAMSON	288	186
CONTRACT NO. 78203				

ILLINOIS FED. AID PROJECT

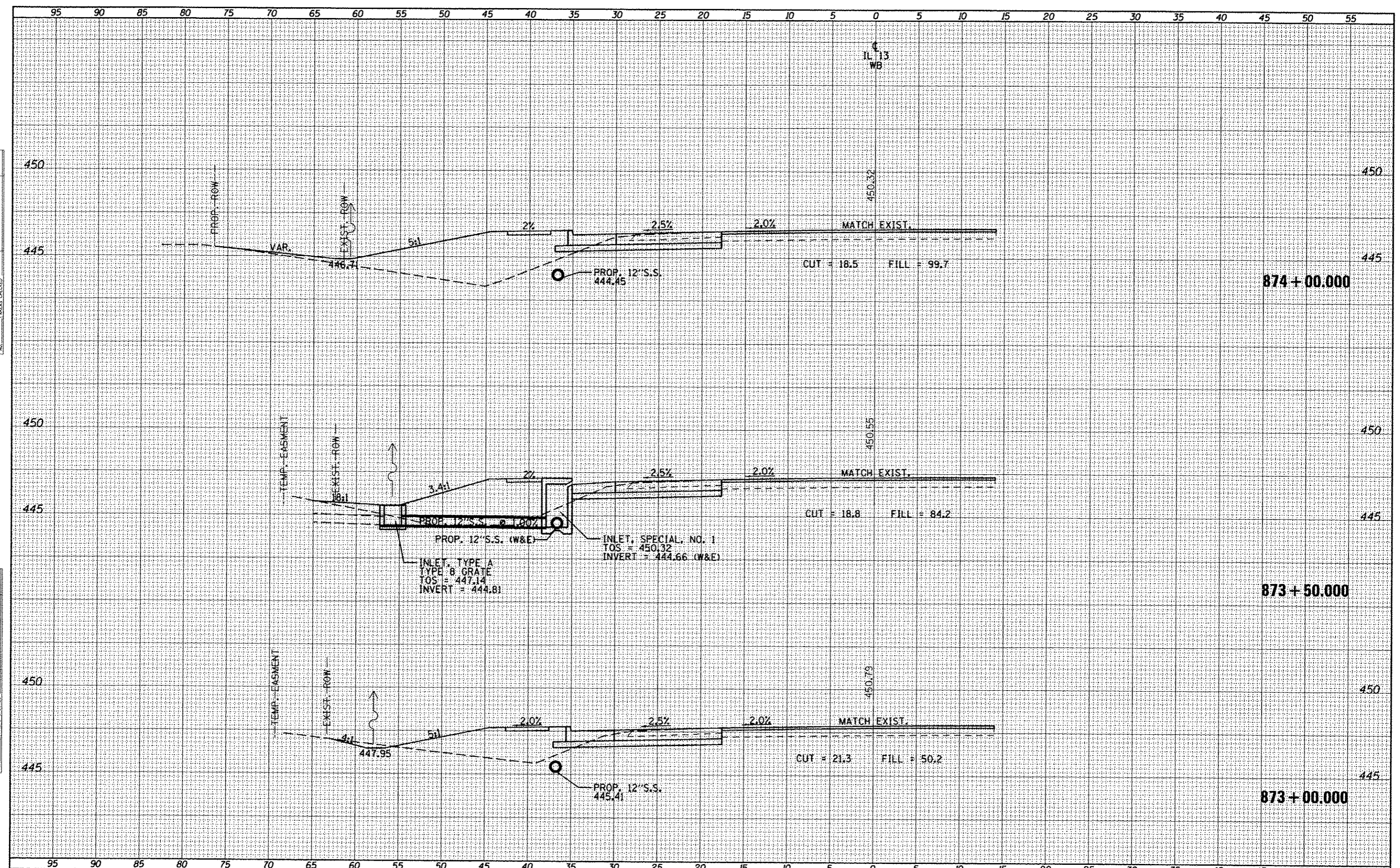
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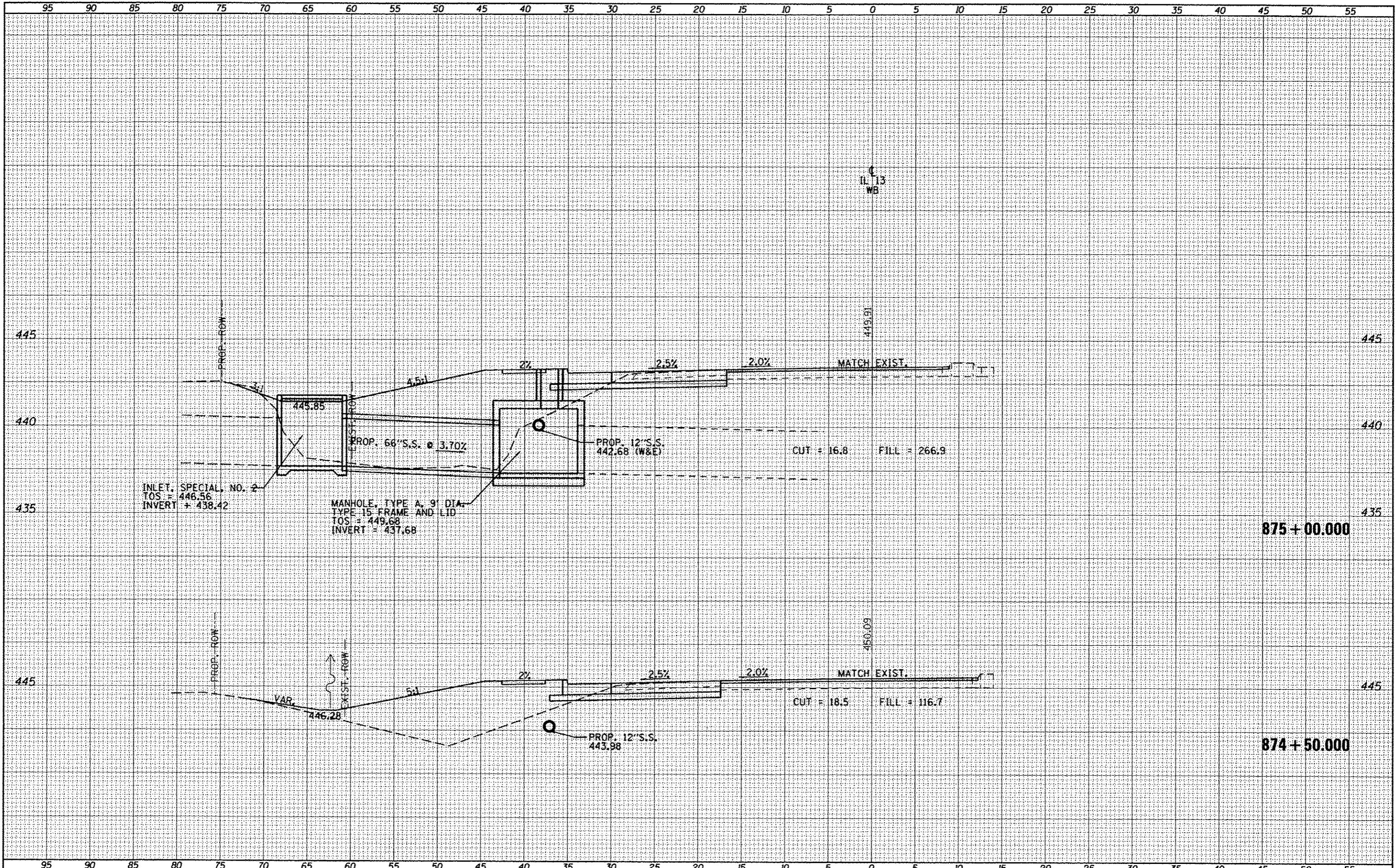
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS - IL 13 WESTBOUND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or\p\work\p\rdot\kollayhd\018445\78283-ah-1	aa.dgn	DRAWN -	REVISED -			331	IX-1R-5-RS-3-N-5-TS-4	WILLIAMSON	288	188	
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		PLOT DATE = 5/11/2012	REVISED -			ILLINOIS FED. AID PROJECT					

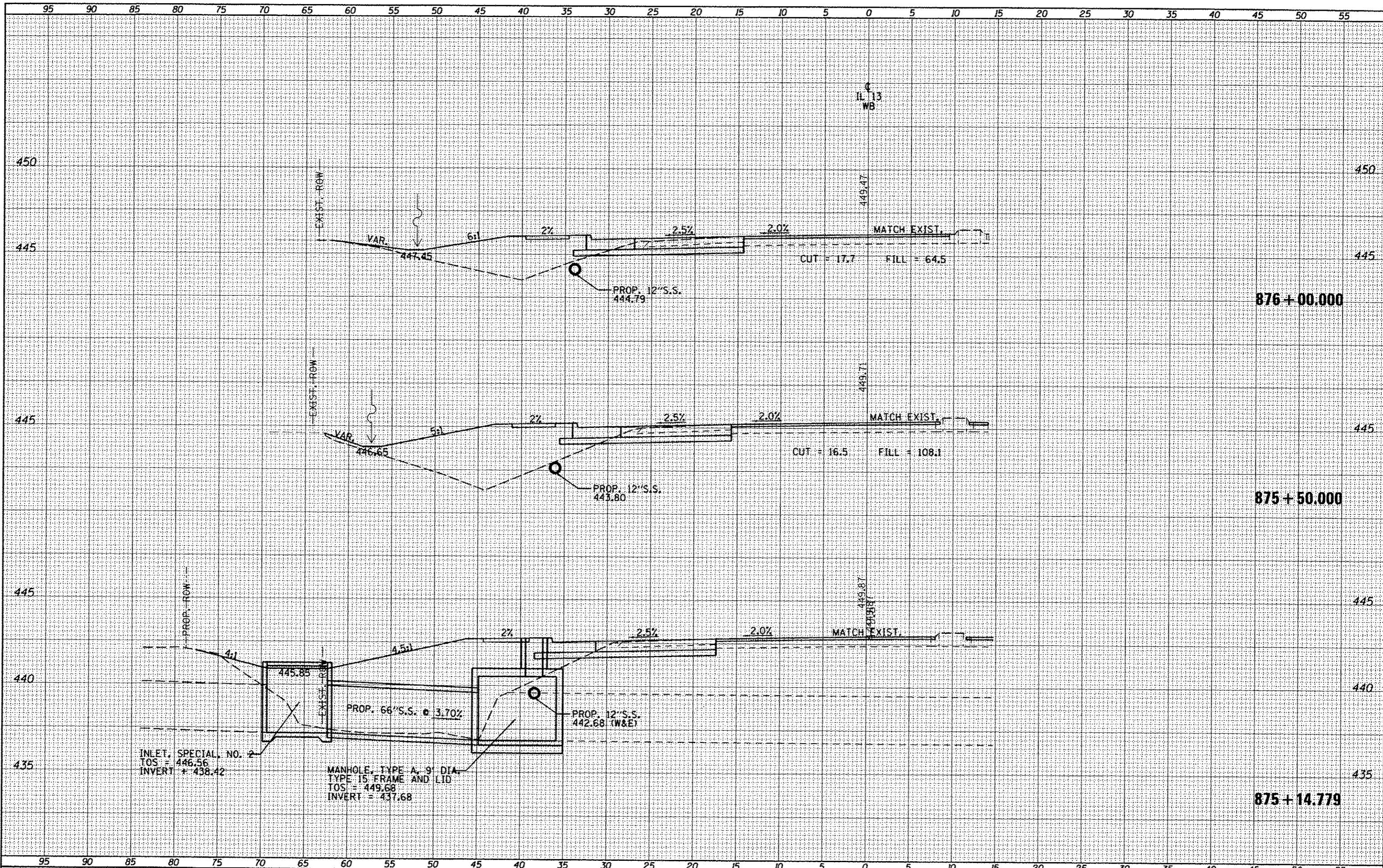
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ORIGINAL SURVEY BY DATE
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 NOTE BOOK TEMPLATE
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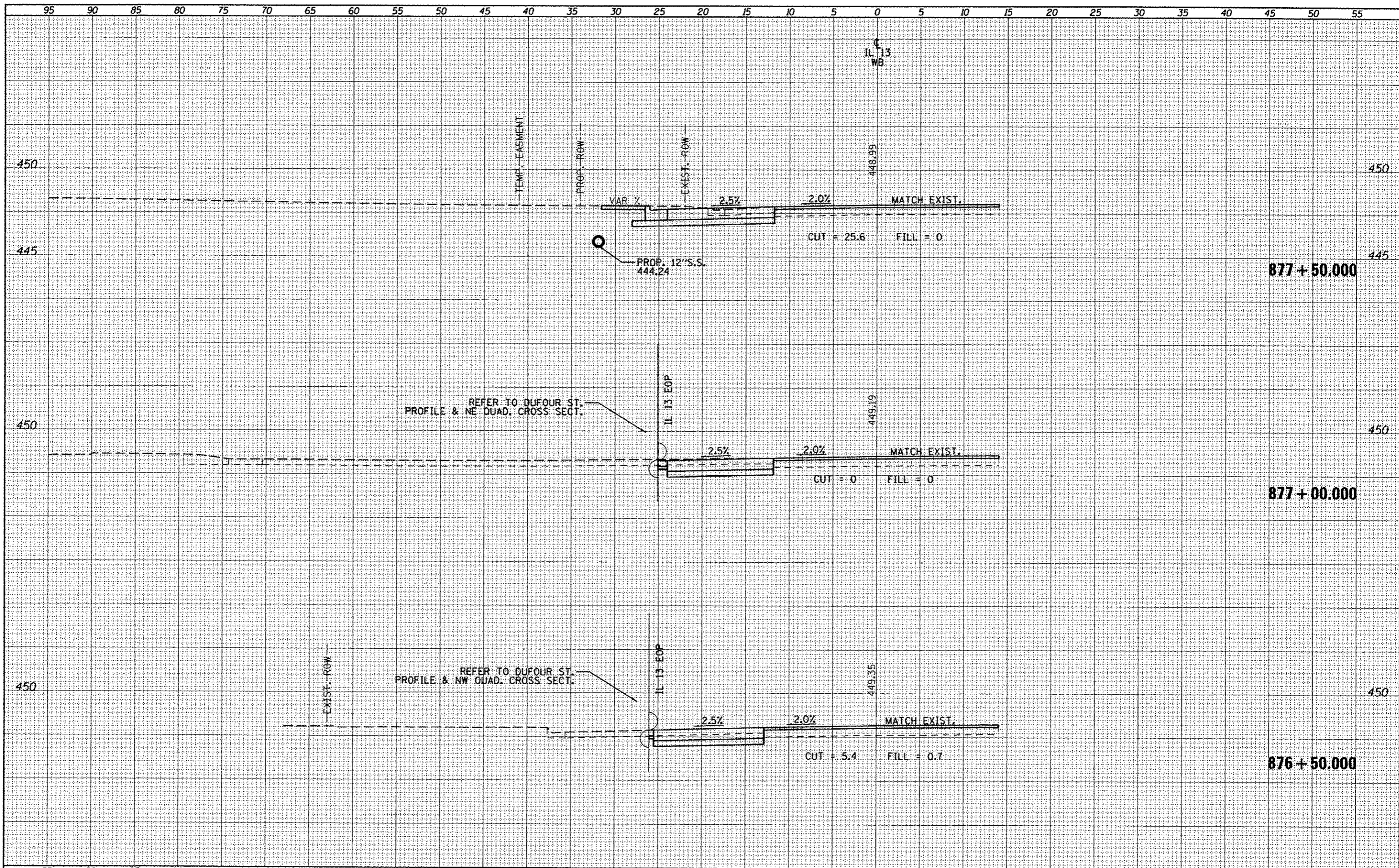
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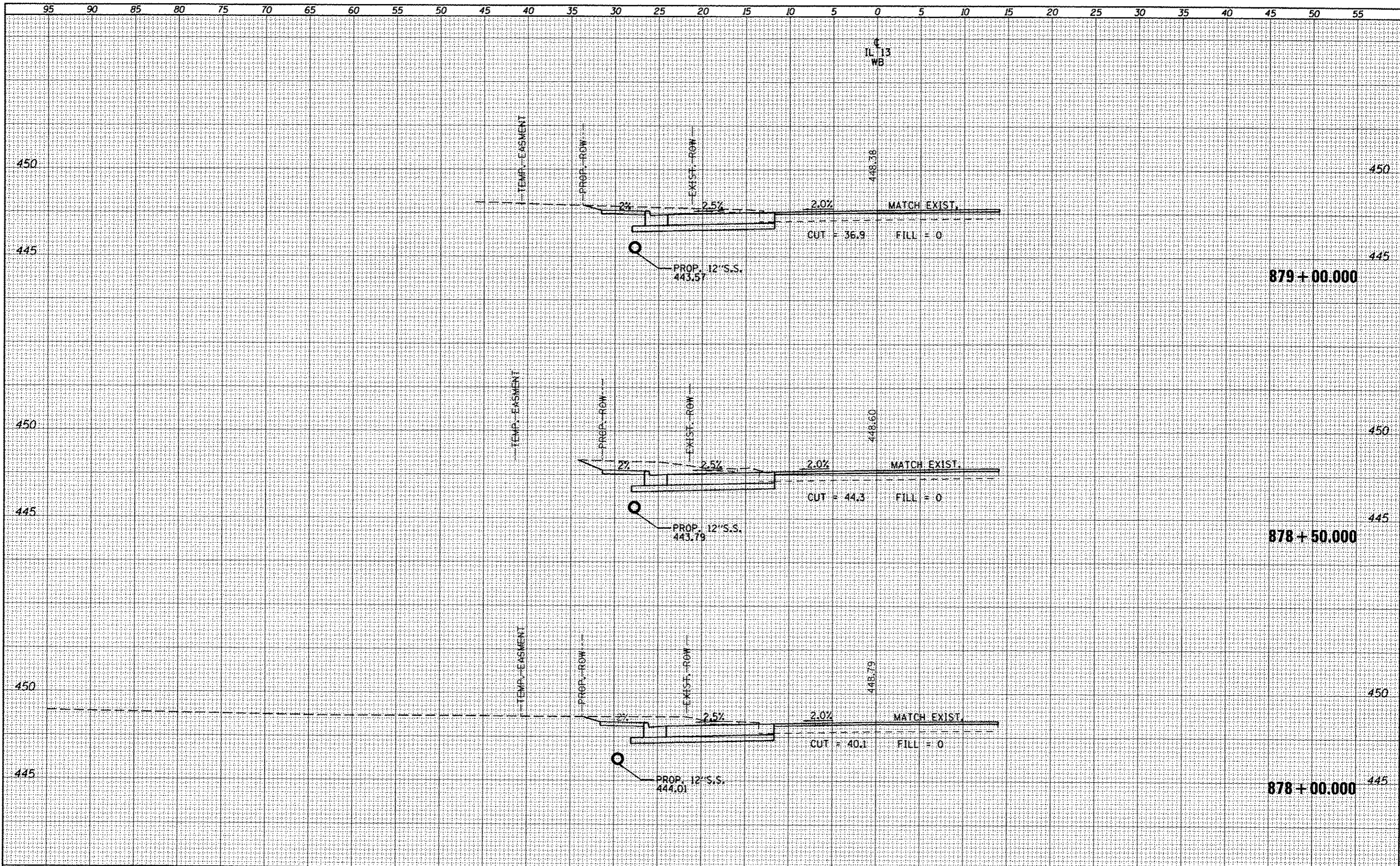
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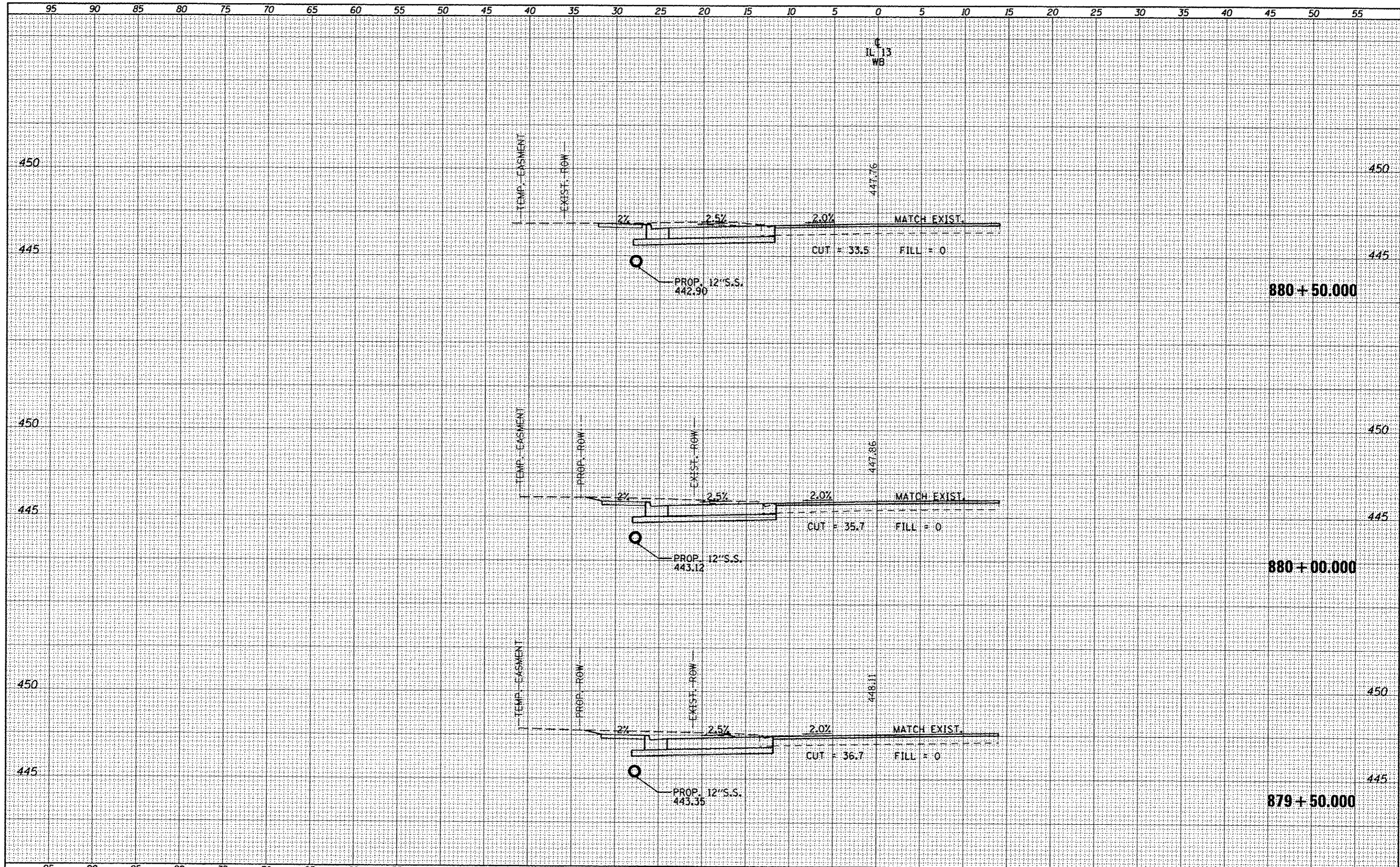
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NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



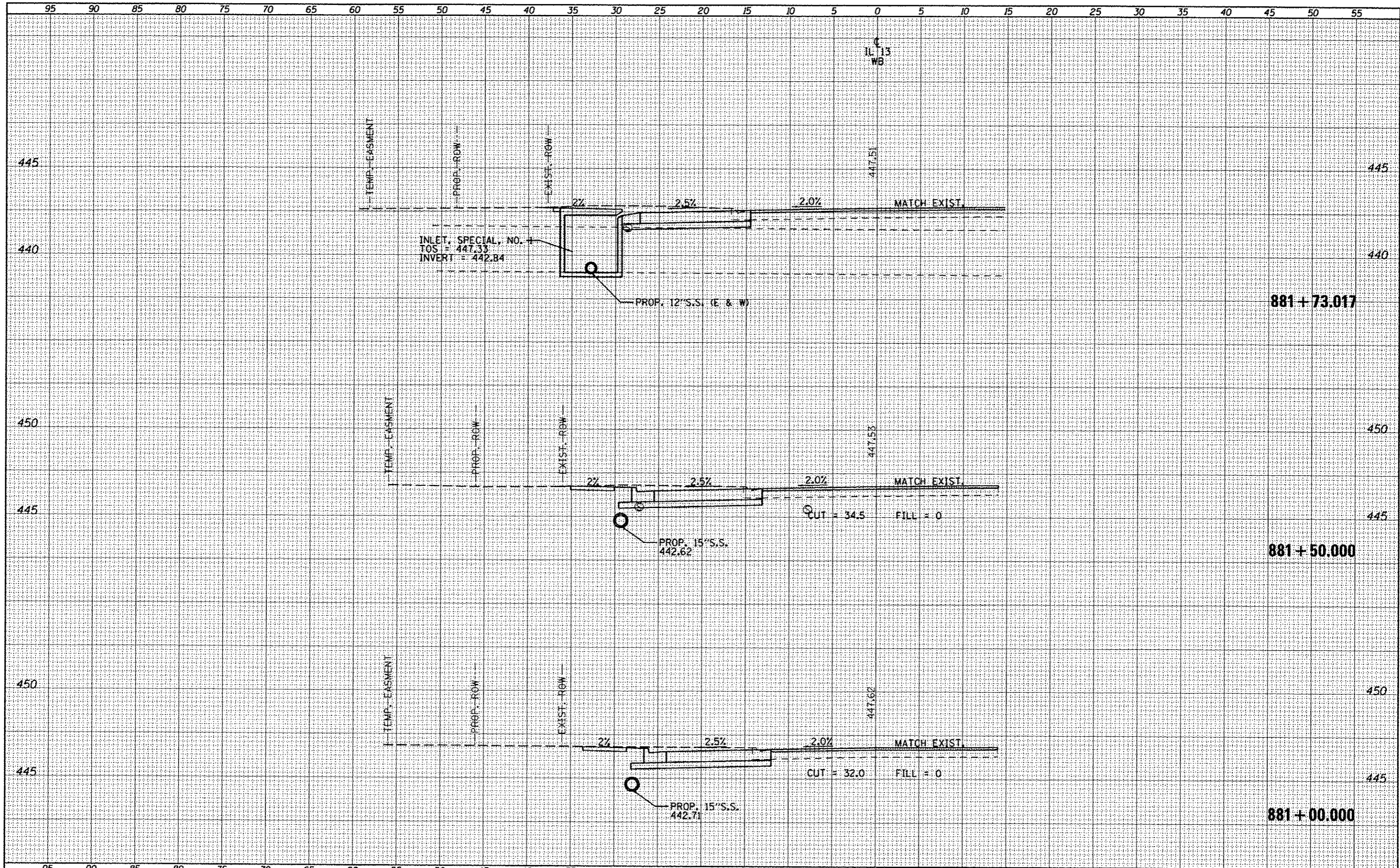
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
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ORIGINAL SURVEY	SUBMITTED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	TEMP. DATE
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DATE	BY
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NOTE BOOK	TEMP. DATE
NO.	AREAS CHECKED



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 INVERT = 442.84

PROP. 15" S.S.
 442.62

PROP. 15" S.S.
 442.71

IL 13
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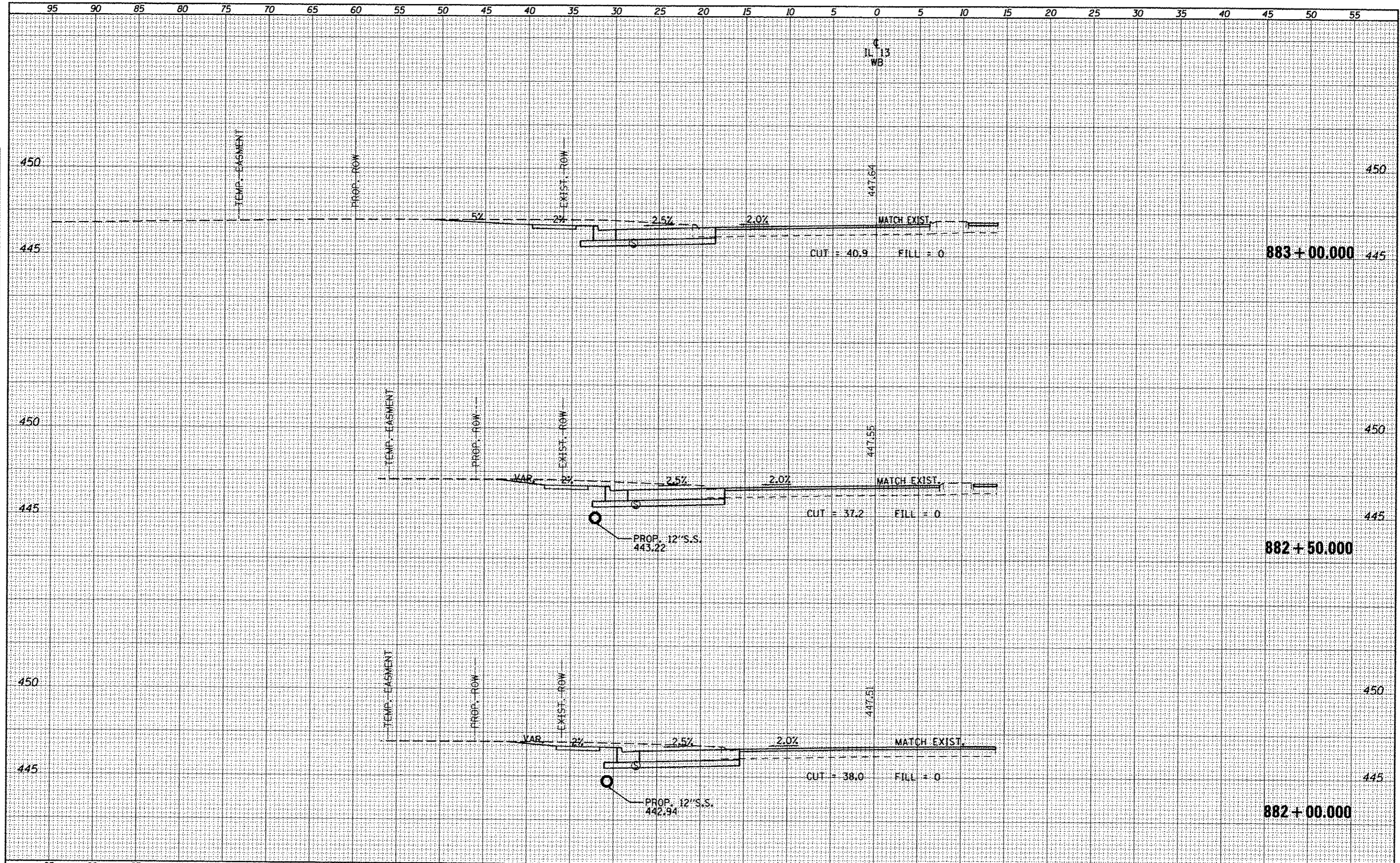
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881+50.000

881+00.000

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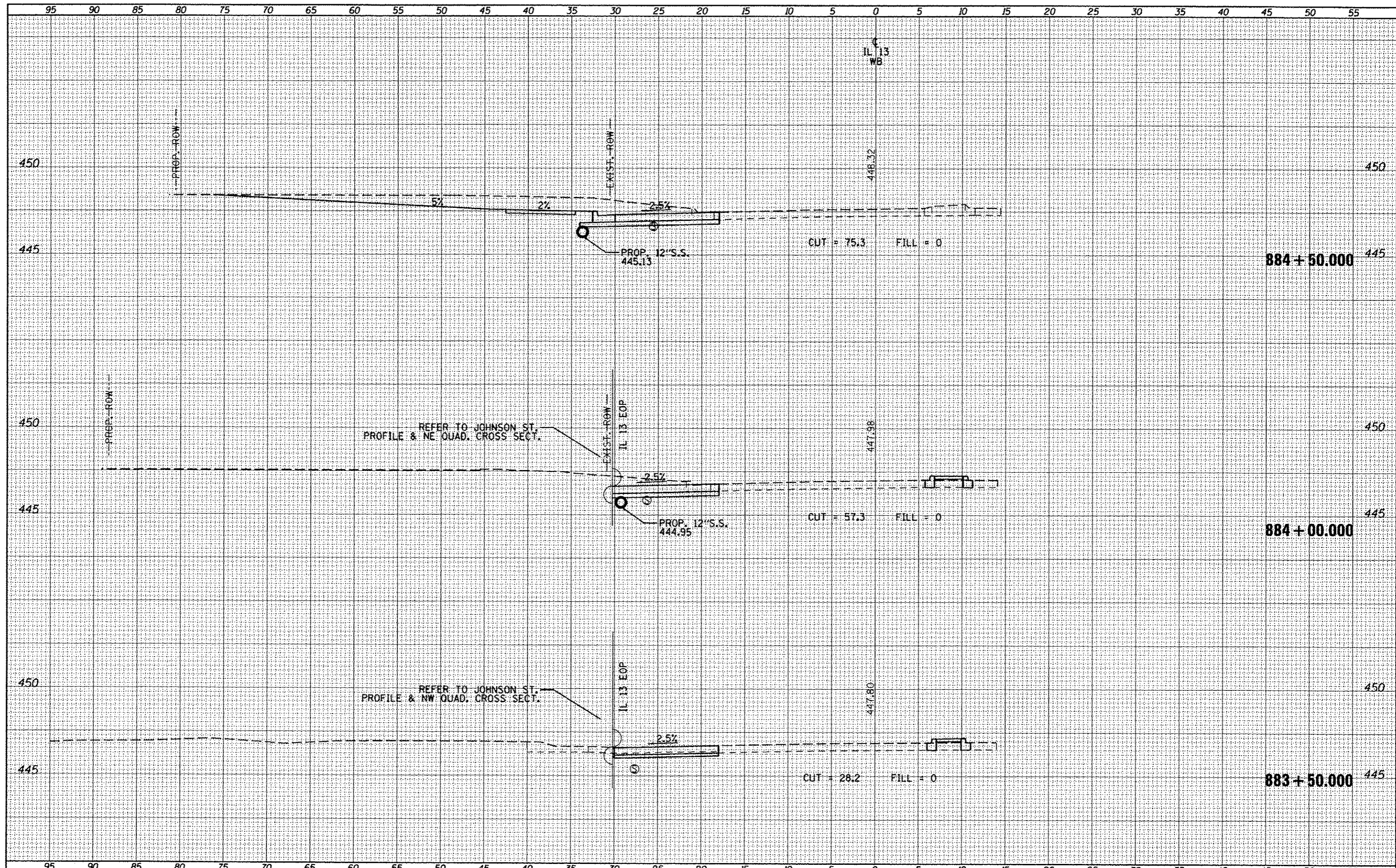
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DESIGNED BY	DRAWN -	REVISED -									
CHECKED -	REVISED -										
DATE -	REVISED -										
PLOT SCALE = 10.0000' / in.				CONTRACT NO. 78203							
PLOT DATE = 5/11/2012				ILLINOIS FED. AID PROJECT							

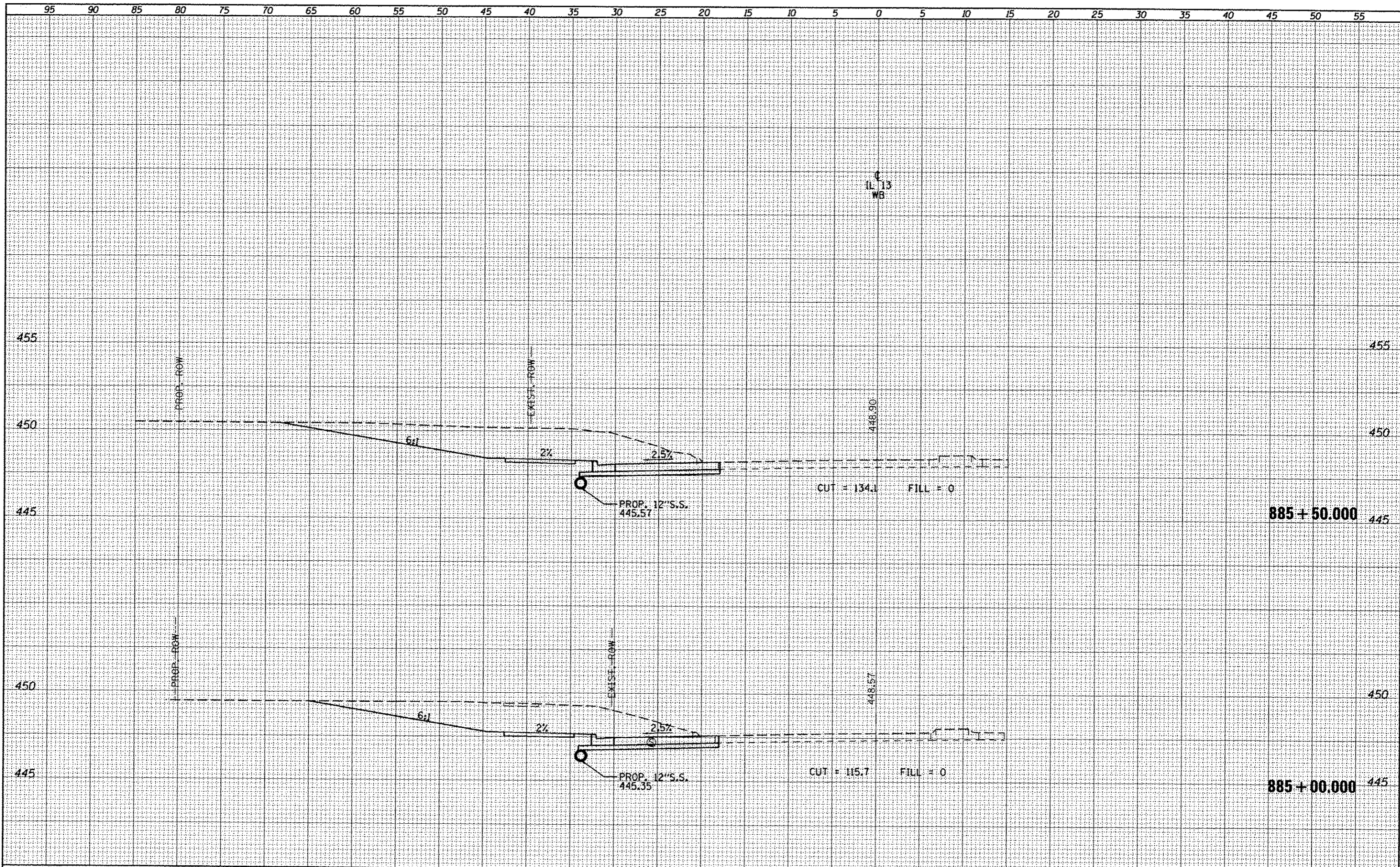
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ORIGINAL	DATE
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FINAL SURVEY	
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

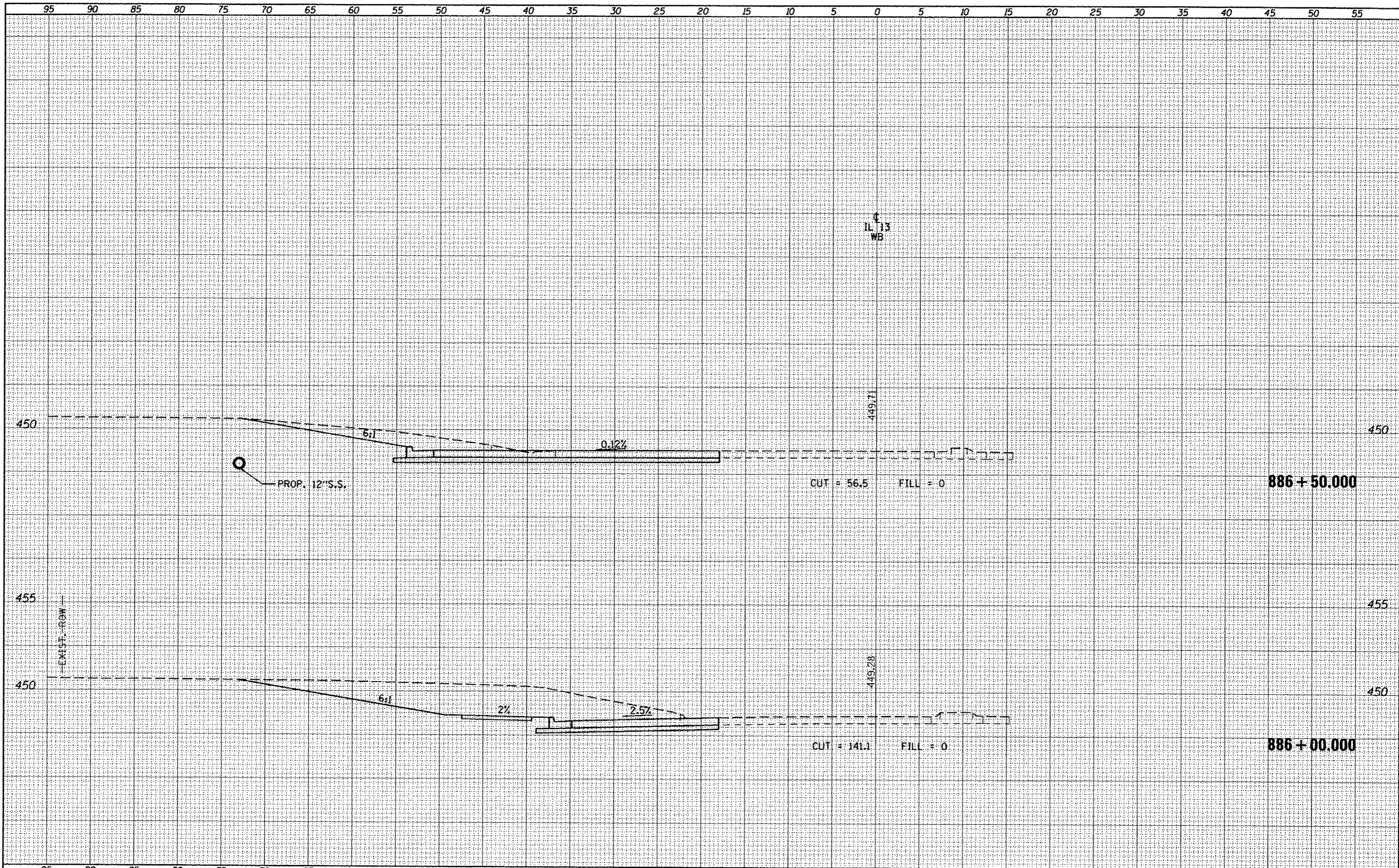
CROSS SECTIONS - IL 13 WESTBOUND

SCALE: SHEET OF SHEETS STA. 885+00.000 TO STA. 885+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-LR-5,RS-3,N-5,TS-4	WILLIAMSON	288	197
CONTRACT NO. 78203			ILLINOIS FED. AID PROJECT	

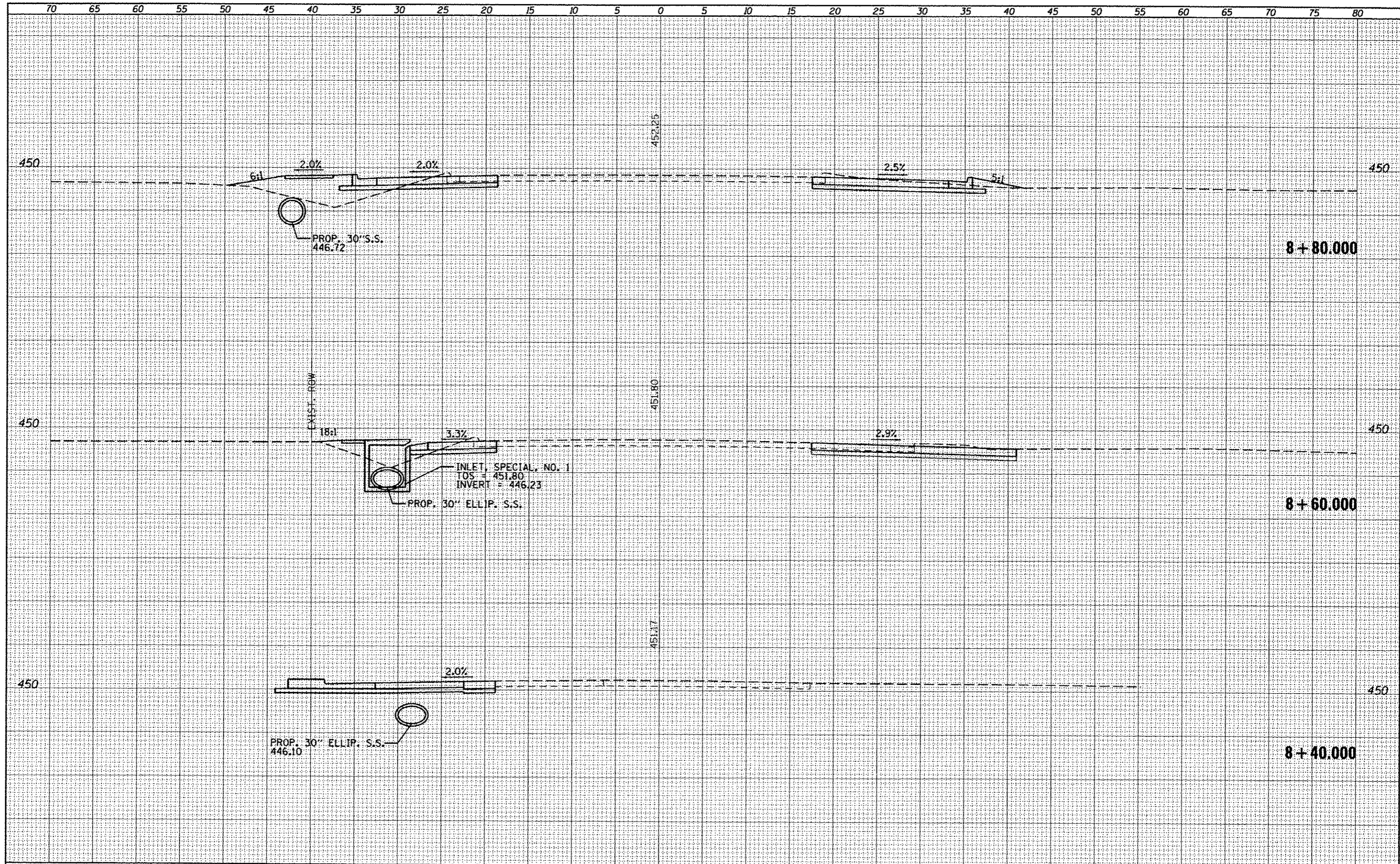
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NOTE BOOK	PLOTTED	
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS	
	AREAS CHECKED	



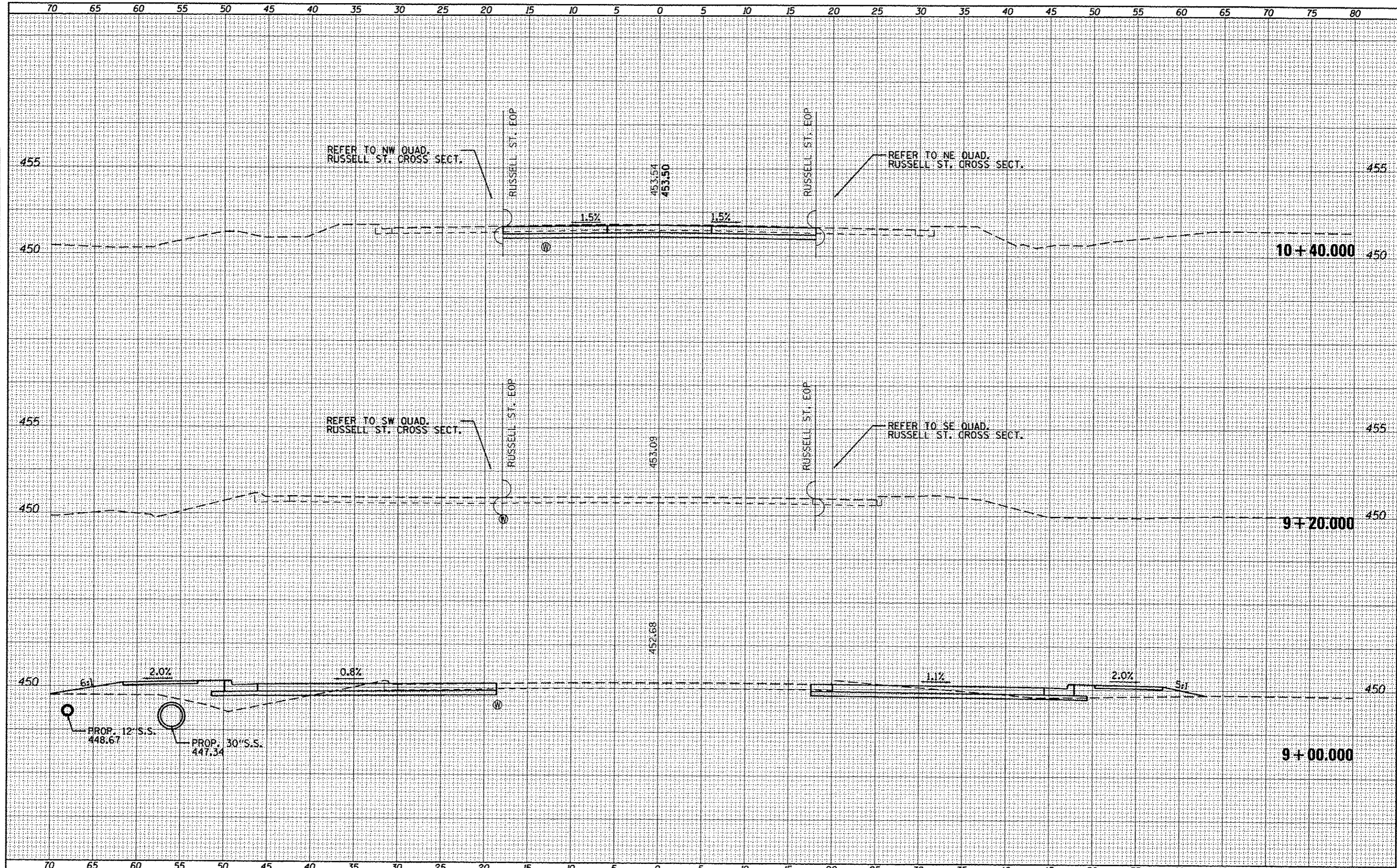
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NOTE BOOK	
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FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 10.0000' / 1\"/>							
	PLOT DATE = 5/11/2012	CHECKED -	REVISED -	CONTRACT NO. 78203				
		DATE -	REVISED -	ILLINOIS FED. AID PROJECT				
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS - RUSSELL STREET				
SCALE:				SHEET OF SHEETS STA. 9+00.000 TO STA. 10+40.000				